					DEPARTMENT (ATE OF UTAH DF NATURAL RES OIL, GAS AND M				AMEND	FOR ED REPOR			
		A	PPLICATIO	N FOR I	PERMIT TO DRILL				1. WELL NAME and	NUMBER 16-12D-3	7 BTR			
2. TYPE	OF WORK	DRILL NEW WEL	L 📵 REE	NTER P&A	A WELL (DEEPEN	I WELL			3. FIELD OR WILDO	CEDAR	RIM			
4. TYPE	OF WELL		Oil Well	Coalbo	d Methane Well: NO				5. UNIT or COMMUN	NITIZATI	ON AGRE	EMENT	NAME	
6. NAMI	OF OPERAT			LL BARRE					7. OPERATOR PHON	NE 303 312-	8164			
8. ADDF	ESS OF OPER				0, Denver, CO, 80202				9. OPERATOR E-MA			nm		
	ERAL LEASE	NUMBER	777 TOUT SUICE		11. MINERAL OWNER	SHIP			12. SURFACE OWNE		retteorp.e.			
	AL, INDIAN, (20G0005608			FEDERAL INDI	AN 📵 STATE 🕻) FE	E 💮		DIAN ()	STATE		EE 📵	
13. NAN	IE OF SURFAC	CE OWNER (if be	ox 12 = 'fee') Ralph M.	Giles				14. SURFACE OWNE			.2 = 'fe	e')	
15. ADD	RESS OF SUF	RFACE OWNER (ona, UT 84072		435-828-4161 16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
		E OR TRIBE NA	ME		18. INTEND TO COM		ION FRO	ОМ	19. SLANT					
(If box	L2 = 'INDIAN				- C	mmingling Applicati	on) NC	o 📵	VERTICAL DIR	ECTIONAL	. 📵 н	ORIZON	TAL 🔵	
20. LO	CATION OF W	/ELL		FOO	OTAGES	QTR-QTR	SEC	CTION	TOWNSHIP	RAI	NGE	MER	RIDIAN	
LOCAT	ION AT SURF	ACE		996 FS	L 356 FEL	SESE	:	12	3.0 S	7.0	W		U	
Top of	Uppermost P	roducing Zone		811 FS	L 810 FEL	SESE	:	12	3.0 S	7.0	W		U	
At Total Depth 810 F				810 FS	L 810 FEL	SESE	:	12	3.0 S	7.0	W		U	
21. COU	NTY	<u> </u>	AREST LEASE LIN	E (Feet))	23. NUMBER OF AC	RES IN DI		UNIT					
		DUCHESNE			25. DISTANCE TO NE (Applied For Drilling	AREST WELL IN S	AME PO	OL	26. PROPOSED DEP	тн	TVD: 1130			
27 FLF	/ATTON 00	DUND LEVEL			20 DOND NUMBER	2077			29. SOURCE OF DRI					
27. ELEVATION - GROUND LEVEL 28. BOND NUMBER														
_,,	VAIION - GRO	6305			28. BOND NUMBER	LPM8874725			WATER RIGHTS AP		IUMBÉR 1		ICABLE	
	VATION - GRO					LPM8874725	ormatio	on	WATER RIGHTS AP	PROVAL N	IUMBÉR 1		ICABLE	
String			Length	Weigh	Hole, Casing, a	ind Cement Info		on	WATER RIGHTS AP	PROVAL N	IUMBÉR 1		ICABLE Weight	
String Cond	Hole Size	6305 Casing Size 16	0 - 80	Weigh 65.0	Hole, Casing, at Grade & Thread	Max Mud Wt			Cement Unknown	PROVAL N	Sacks	Yield 0.0	Weight 0.0	
String	Hole Size	6305 Casing Size		Weigh	Hole, Casing, a	nd Cement Info	·	Halliburto	Cement Unknown on Light , Type Unk	PROVAL N e City Culir nown	Sacks 0 540	Yield 0.0 3.16	Weight 0.0 11.0	
String Cond Surf	Hole Size 26 12.25	6305 Casing Size 16 9.625	0 - 80 0 - 3500	Weigh 65.0 36.0	Hole, Casing, a t Grade & Threac Unknown J-55 ST&C	Max Mud Wt 8.8 8.8	·	Halliburto	Cement Unknown on Light , Type Unk	PROVAL N e City Culir nown	Sacks 0 540 210	Yield 0.0 3.16 1.36	0.0 11.0 14.8	
String Cond	Hole Size	6305 Casing Size 16	0 - 80	Weigh 65.0	Hole, Casing, at Grade & Thread	Max Mud Wt	·	Halliburto	Cement Unknown un Light , Type Unk	PROVAL N e City Culir nown	Sacks 0 540	Yield 0.0 3.16	Weight 0.0 11.0	
String Cond Surf	Hole Size 26 12.25	6305 Casing Size 16 9.625	0 - 80 0 - 3500	Weigh 65.0 36.0	Hole, Casing, a t Grade & Thread Unknown J-55 ST&C P-110 LT&C	Max Mud Wt 8.8 8.8	·	Halliburto	Cement Unknown on Light , Type Unk Premium , Type Ur Unknown	PROVAL N e City Culir nown	Sacks 0 540 210 750	Yield 0.0 3.16 1.36 2.31	0.0 11.0 14.8 11.0	
String Cond Surf	Hole Size 26 12.25	6305 Casing Size 16 9.625	0 - 80 0 - 3500	Weigh 65.0 36.0	Hole, Casing, a t Grade & Thread Unknown J-55 ST&C P-110 LT&C	Max Mud Wt 8.8 8.8 9.7	·	Halliburto	Cement Unknown on Light , Type Unk Premium , Type Ur Unknown	PROVAL N e City Culir nown	Sacks 0 540 210 750	Yield 0.0 3.16 1.36 2.31	0.0 11.0 14.8 11.0	
String Cond Surf	26 12.25 8.75	6305 Casing Size 16 9.625 5.5	0 - 80 0 - 3500 0 - 11339	Weigh 65.0 36.0	Hole, Casing, a t Grade & Thread Unknown J-55 ST&C P-110 LT&C	Max Mud Wt 8.8 8.8 9.7 TACHMENTS	Ha	Halliburto Illiburton	Cement Unknown on Light , Type Unk Premium , Type Ur Unknown Unknown	proval N city Culir nown nknown	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	
String Cond Surf Prod	Hole Size 26 12.25 8.75	6305 Casing Size 16 9.625 5.5	0 - 80 0 - 3500 0 - 11339	Weigh 65.0 36.0 17.0	Hole, Casing, a t Grade & Threac Unknown J-55 ST&C P-110 LT&C	Max Mud Wt 8.8 8.8 9.7 TACHMENTS	Ha	Halliburto Illiburton	Cement Unknown On Light , Type Unk Premium , Type Ur Unknown Unknown Unknown	proval N city Culir nown nknown	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	
String Cond Surf Prod	Hole Size 26 12.25 8.75 VERIFY	6305 Casing Size 16 9.625 5.5	0 - 80 0 - 3500 0 - 11339 VING ARE A	Weigh 65.0 36.0 17.0	Hole, Casing, a t Grade & Threac Unknown J-55 ST&C P-110 LT&C AT	Max Mud Wt 8.8 8.8 9.7 TACHMENTS EE WITH THE UT	Ha Ha	Halliburton	Cement Unknown On Light , Type Unk Premium , Type Ur Unknown Unknown Unknown	nown nknown	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	
String Cond Surf Prod	Hole Size 26 12.25 8.75 VERIFY VELL PLAT OF	Casing Size 16 9.625 5.5 THE FOLLOW R MAP PREPARE STATUS OF SUI	0 - 80 0 - 3500 0 - 11339 VING ARE A	Weigh 65.0 36.0 17.0	Hole, Casing, a t Grade & Threac Unknown J-55 ST&C P-110 LT&C AT ED IN ACCORDANC VEYOR OR ENGINEER	Max Mud Wt 8.8 8.8 9.7 TACHMENTS E WITH THE UT COM CE) FORM	Ha Ha	Halliburton	Cement Unknown On Light , Type Unk Premium , Type Ur Unknown Unknown Unknown GAS CONSERVATION PLAN R IS OTHER THAN TH	nown nknown	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	
String Cond Surf Prod	Hole Size 26 12.25 8.75 VERIFY VELL PLAT OF	Casing Size 16 9.625 5.5 THE FOLLOW R MAP PREPARE STATUS OF SUI	0 - 80 0 - 3500 0 - 11339 VING ARE A	Weigh 65.0 36.0 17.0 TTACHE SED SURV	Hole, Casing, a t Grade & Thread Unknown J-55 ST&C P-110 LT&C AT ED IN ACCORDANC VEYOR OR ENGINEER	TACHMENTS E WITH THE UT CCE) FORM	Ha Ha	Halliburton IL AND G PERATO	Cement Unknown On Light , Type Unk Premium , Type Ur Unknown Unknown Unknown GAS CONSERVATION PLAN R IS OTHER THAN TH	nown nknown	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	
String Cond Surf Prod	Hole Size 26 12.25 8.75 VERIFY VELL PLAT OF FFIDAVIT OF IRECTIONAL D)	Casing Size 16 9.625 5.5 THE FOLLOW R MAP PREPARE STATUS OF SUI	0 - 80 0 - 3500 0 - 11339 VING ARE A	Weigh 65.0 36.0 17.0 TTACHE SED SURV	Hole, Casing, a t Grade & Thread	TACHMENTS E WITH THE UT CCE) FORM	Ha Ha	Halliburton L AND COPRILLING PERATOR ICAL MAI	Cement Unknown On Light , Type Unk Premium , Type Unk Unknown Unknown Unknown GAS CONSERVATION PLAN R IS OTHER THAN THE	nown nown nknown ON GEN	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	
String Cond Surf Prod Prod Drillei NAME SIGNA	Hole Size 26 12.25 8.75 VERIFY VELL PLAT OF FFIDAVIT OF IRECTIONAL D)	Casing Size 16 9.625 5.5 THE FOLLOW R MAP PREPARE STATUS OF SUI SURVEY PLAN (0 - 80 0 - 3500 0 - 11339 VING ARE A	Weigh 65.0 36.0 17.0 TTACHE ER AGREE	Hole, Casing, a t Grade & Threac Unknown J-55 ST&C P-110 LT&C AT ED IN ACCORDANC VEYOR OR ENGINEER EMENT (IF FEE SURFA OR HORIZONTALLY	TACHMENTS E WITH THE UT CCE) FORM	Ha Ha	Halliburton L AND COPRILLING PERATOR ICAL MAI	Cement Unknown On Light , Type Unk Premium , Type Unk Unknown Unknown Unknown GAS CONSERVATI F PLAN R IS OTHER THAN THE	nown nown nknown ON GEN	Sacks 0 540 210 750 1020	Yield 0.0 3.16 1.36 2.31 1.42	0.0 11.0 14.8 11.0	

DRILLING PLAN

BILL BARRETT CORPORATION

16-12D-37 BTR Well Pad

SE SE, 996' FSL, 356' FEL, Section 12, T3S, R7W, USB&M (surface hole) SE SE, 810' FSL, 810' FEL, Section 12, T3S, R7W, USB&M (bottom hole)

Duchesne County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth – MD	Depth - TVD
Lower Green River*	6755'	6732'
Douglas Creek	7541'	7511'
Black Shale	8072'	8042'
Castle Peak	8338'	8308'
Uteland Butte	8735'	8705'
Wasatch*	9147'	9117'
TD	11,339'	11,309'

^{*}PROSPECTIVE PAY

The Wasatch and the Lower Green River are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment							
0-3500'	No pressure control required							
3500' – TD	11" 5000# Ram Type BOP							
11" 5000# Annular BOP								
- Drilling spool to a	accommodate choke and kill lines;							
- Ancillary equipme	ent and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in							
accordance with the	ne requirements of onshore Order No. 2;							
- The BLM and the	State of Utah Division of Oil, Gas and Mining will be notified 24 hours in							
advance of all BC	OP pressure tests.							
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up								
To operate most e	fficiently in this manner.							

4. <u>Casing Program</u>

Hole	SETTING	DEPTH	Casing	Casing	Casing		
Size	(FROM)	(TO)	Size	Weight	Grade	Thread	Condition
26"	Surface	80'	16"	65#			
12 1/4"	Surface	3500'	9 5/8"	36#	J or K 55	BT&C	New
8 3/4"	Surface	TD	5 ½"	17#	P-110	LT&C	New
NOTE:	In addition.	8 3/4" hole	size may ch	ange to 7 7/8	" at the poin	t the bit is c	hanged out.

Bill Barrett Corporation Drilling Program #16-12D-37 BTR Duchesne County, Utah

5. Cementing Program

Casing	Cementing
16" Conductor Casing	Grout
9 5/8" Surface Casing	Lead with approximately 540 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft ³ /sx) circulated to surface with 75% excess. Top of lead estimated at surface.
	Tail with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft ³ /sx), calculated hole volume with 75% excess. Top of tail estimated at 3000'.
5 ½" Production Casing	Lead with approximately 750 sx Tuned Light cement with additives, mixed at 11.0 ppg (yield = 2.31 ft ³ /sx,). Top of lead estimated at 3000'.
	Tail with approximately 1020 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). Top of tail estimated at 7572'.

6. Mud Program

Weight 1	<u>Viscosity</u>	Fluid Loss	<u>Remarks</u>
		(API filtrate)	
8.3 - 8.8	26 – 36	NC	Freshwater Spud Mud Fluid
			System
8.3 - 8.8	26 – 36	NC	Freshwater Spud Mud Fluid
			System
8.6 – 9.7	42-52	20 cc or less	DAP Polymer Fluid System
	8.3 – 8.8	8.3 - 8.8 26 - 36 8.3 - 8.8 26 - 36	8.3 - 8.8 26 - 36 NC 8.3 - 8.8 26 - 36 NC

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface).
	FMI & Sonic Scanner to be run at geologist's discretion.

Bill Barrett Corporation Drilling Program #16-12D-37 BTR Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 5704 psi* and maximum anticipated surface pressure equals approximately 3216 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

11. Drilling Schedule

Location Construction: January 2012 Spud: January 2012

Duration: 15 days drilling time

45 days completion time

^{**}Maximum surface pressure = $A - (0.22 \times TD)$

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

- 1. One (1) blind ram (above).
- 2. One (1) pipe ram (below).
- 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
- 4. 3-inch diameter choke line.
- 5. Two (2) choke line valves (3-inch minimum).
- 6. Kill line (2-inch minimum).
- 7. Two (2) chokes with one (1) remotely controlled from the rig floor.
- 8. Two (2) kill line valves, and a check valve (2-inch minimum).
- 9. Upper and lower kelly cock valves with handles available.
- 10. Safety valve(s) & subs to fit all drill string connections in use.
- 11. Inside BOP or float sub available.
- 12. Pressure gauge on choke manifold.
- 13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirments of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

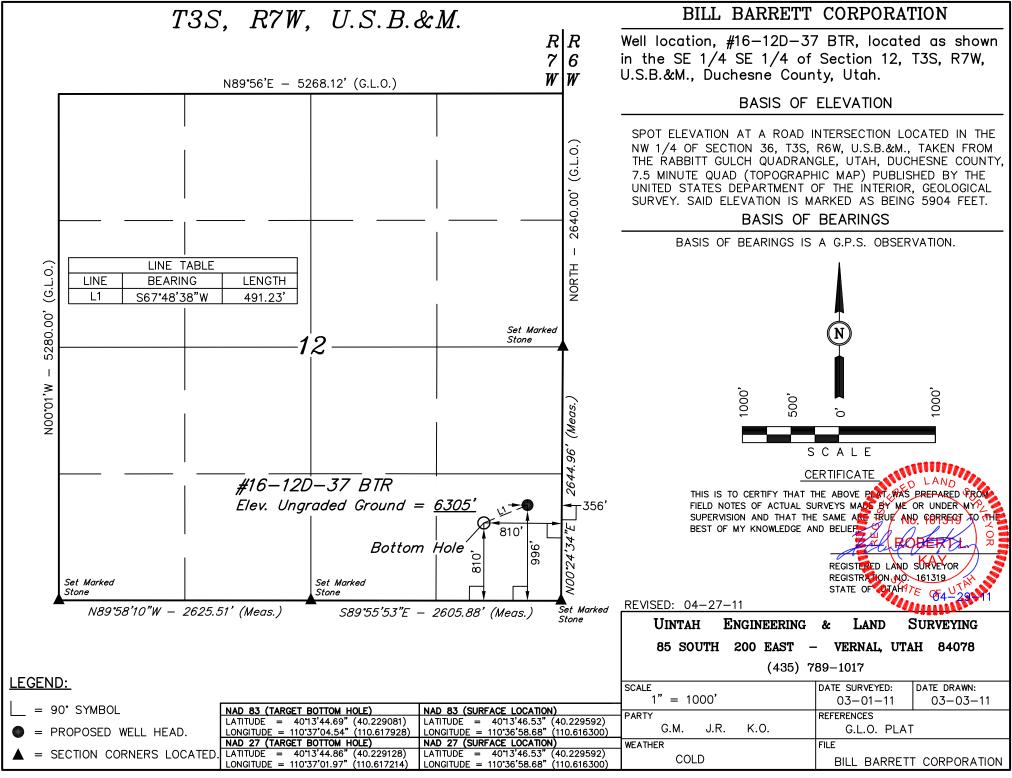
A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

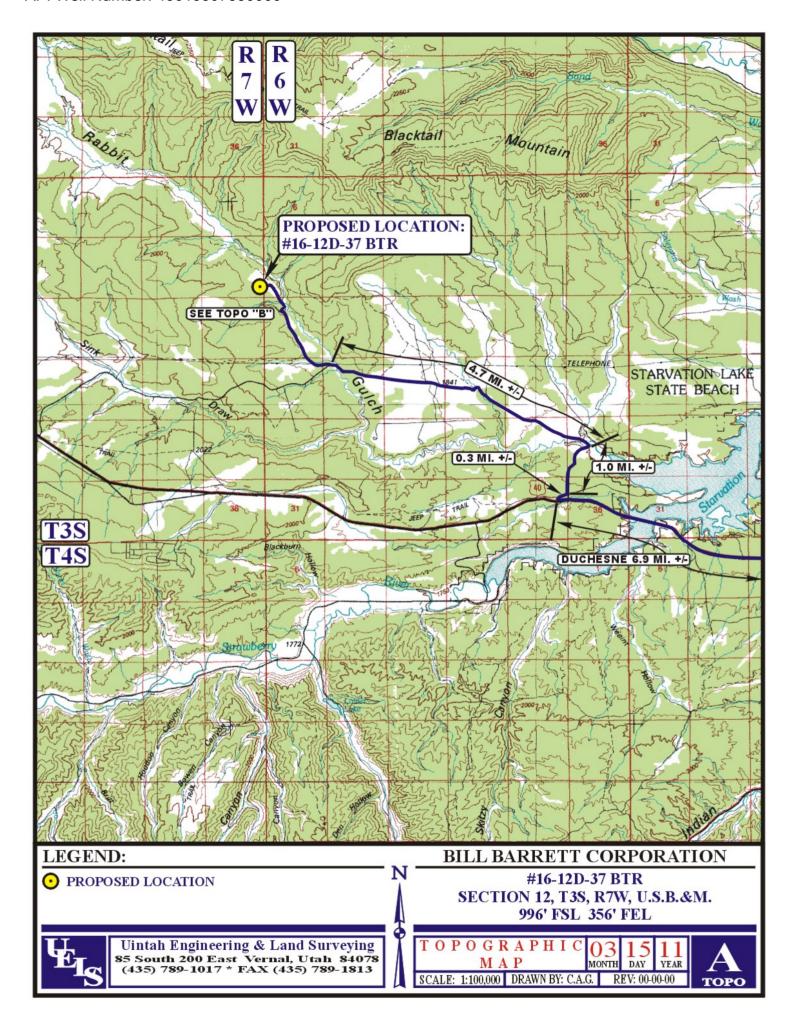
Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

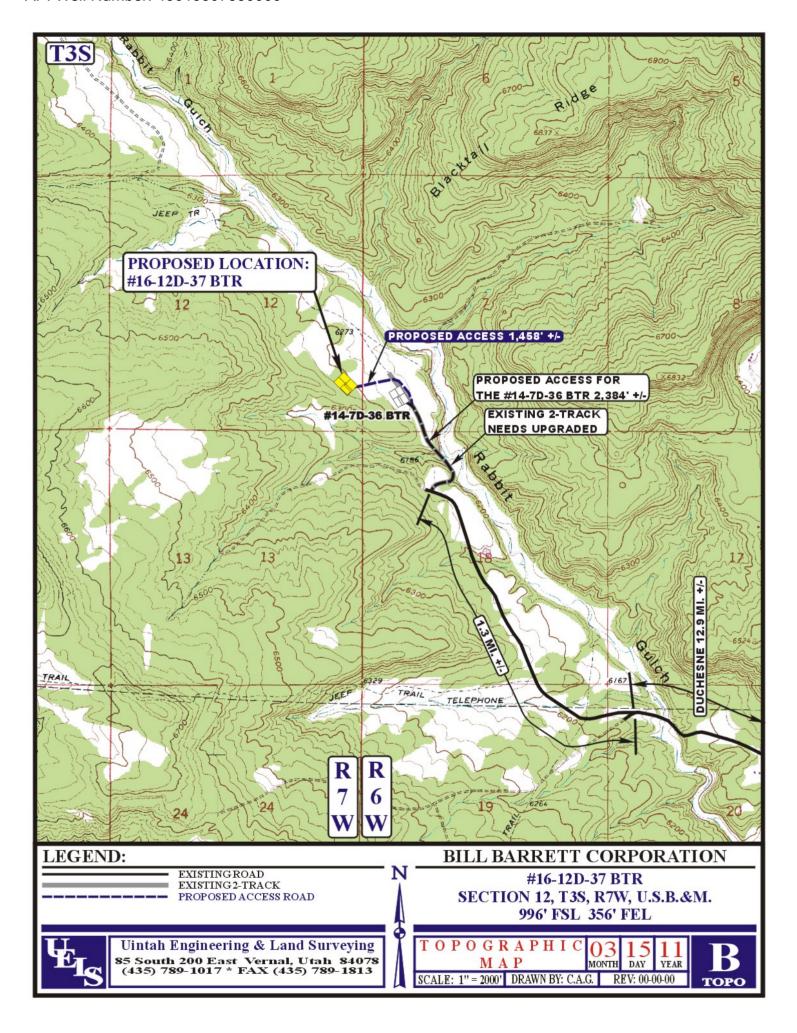
F. Miscellaneous Information:

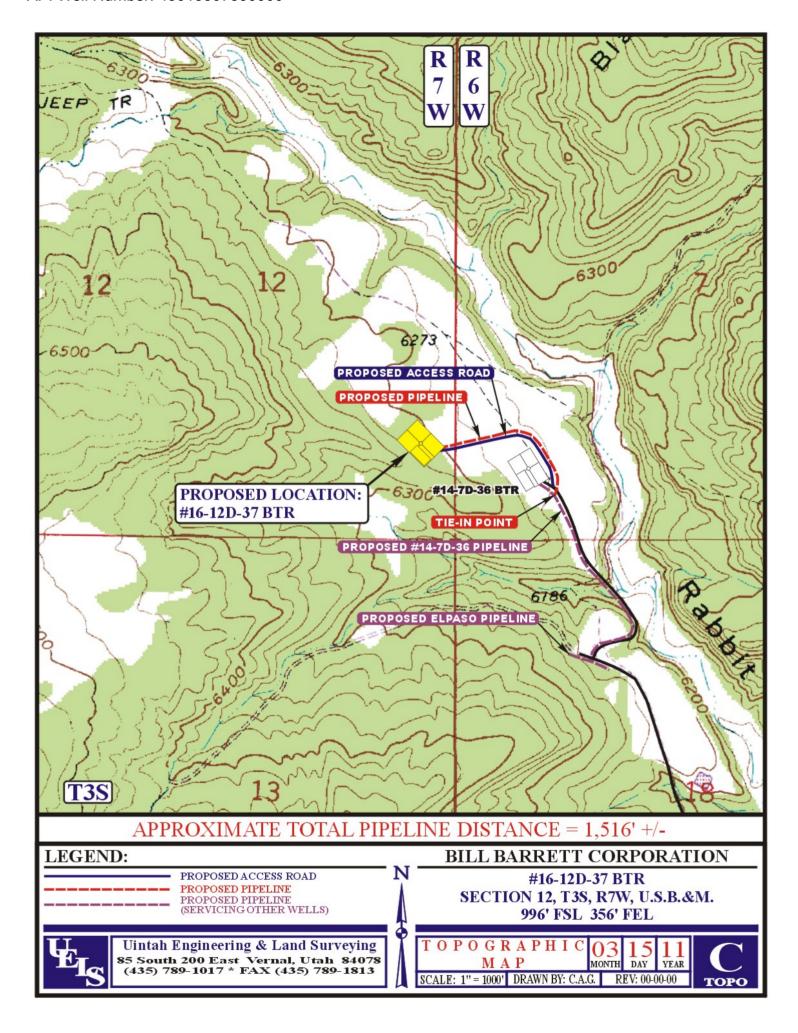
The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

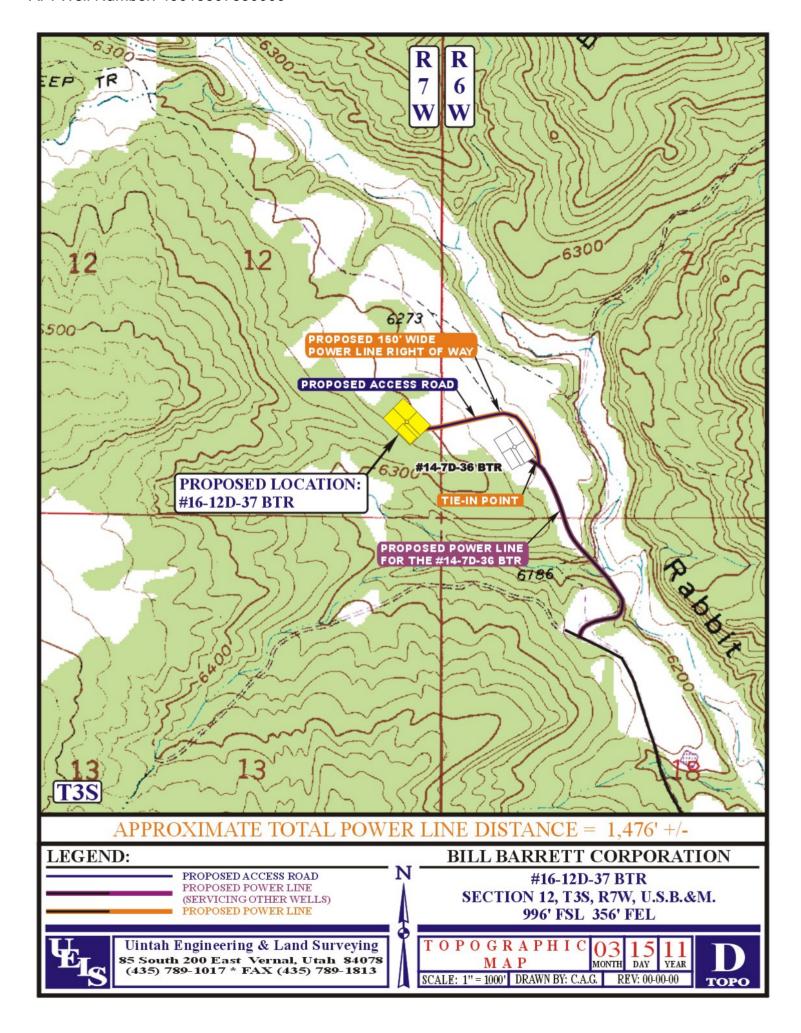
A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.











Bili Barrett Corporation

WELL DETAILS: 18-12D-37 BTR

US State Plane 1927 (Exact solution)

Utah Central 4302

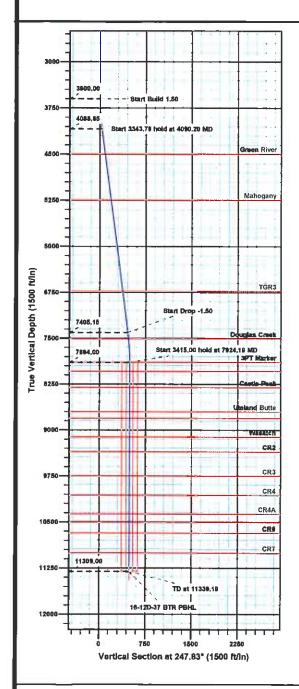
NAD 1927 (NADCON CONUS)

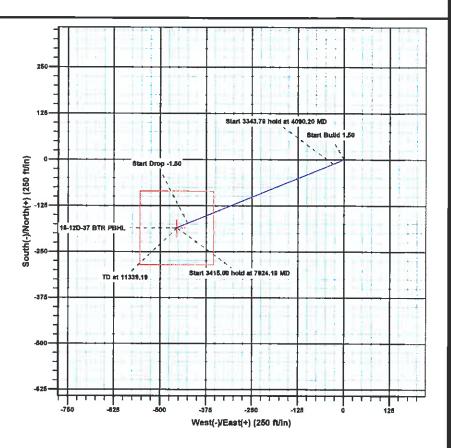
+N/-S +E/-W Northing 0,00 0.00 691912.12

Easting Latittude 2246931,41 40° 13' 46,89 N

Longitude 110° 38' 56.11 W

Ground Level: 6304.00







Azimuths to True North Magnetic North: 11.58°

Magnetic Field Strength: 52296.8snT Dip Angle: 65.84° Date: 5/3/2011 Model: IGRF2010

SECTION DETAILS

MD	inc	Azl	TVD	+N/-S	+E/-W	Dieg	TFace	VSect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.0Ŏ	0.00	0.00	•
3600,00	0.00	0.00	3600,00	0.00	0.00	0.00	0.00	0.00	
4090.20	7.35	247.83	4088.85	-11.85	-29.09	1.50	247.83	31.41	
7433.99	7.35	247.83	7405. 15	-173.31	-425.40	0.00	0.00	459.35	
7924.19	0.00	0,00	7894,00	-185.1 6	-454.49	1.50	180.00	490.76	16-12D-37 BTR Target
11339.19	0.00	0.00	11309.00	-185.16	-454.49	0.00	0.00	490 76	16-12D-37 BTR PBHL





Database: Company: EDM 5000.1 Single User Db

Bill Barrett Corp

Project Duchesne County, UT [NAD27] 16-12D-37 BTR

Site: Well: Wellbore:

Well #1 - 16' KB Wellbore #1 plan1 03may11 rbw Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Survey Calculation Method:

Well Well #1 - 16' KB KB @ 6320,00ft KB @ 6320,00fl

True

Minimum Curvature

Design: Project

Duchesne County, UT [NAD27]

Map System: Geo Datum:

US State Plane 1927 (Exact solution)

Map Zone:

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

Well **Well Position** 16-12D-37 BTR

Site Position: From:

Lat/Long

Enating: n 00.0 Slot Radius:

691,912.12 usft 2,246,931.41 usft

1.10 ft

Longitude: **Grld Convergence:**

Latitude:

40° 13' 46.69 N

110° 36' 56.11 W 0.57 °

Position Uncertainty:

Well #1 - 16' KB

+N/-S

+E/-W

0.00 ft 0.00 ft

Northing: 0.00 ft

Northing:

691,912.12 usft 2,246,931.41 usft Latitude: Longitude:

40° 13' 46.69 N 110° 36' 56.11 W

Position Uncertainty

Wellhead Elevation:

Ground Level:

65.84

6,304.00 ft

Wellbore Wellbore #1

Magnetics Model Name Sample Date Declination (7) IGRF2010 5/3/2011 11.58

Dip Angle (")

Field Strength (nT)

52,297

Design

Audit Notes:

Version: Phase:

plan1 03may11 rbw

PROTOTYPE

Tle On Depth: +E/-W

0.00

Vertical Section: Depth From (TVD) +N/-S Direction (ft) (ft) (ft) (") 0.00 0.00 0.00 247.83

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rato	TFO	
(ft)	(*)	(*)	(ft)	(ft)	(ft)	("/100ft)	(*/100ft)	(°/100ft)	(1)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,090.20	7.35	247.83	4,088.85	-11.85	-29.09	1.50	1.50	0.00	247.83	
7,433.99	7.35	247.83	7,405.15	-173.31	-425.40	0.00	0.00	0.00	0.00	
7,924.19	0.00	0.00	7,894.00	-185.16	-454,49	1.50	-1.50	0.00	180.00	16-12D-37 BTR Tai
11,339.19	0.00	0.00	11,309.00	-185.16	-454.49	0.00	0.00	0.00	0,00	16-12D-37 BTR PB



Database: Company: EDM 5000.1 Single User Db

Bill Barrett Corp.

Duchesne County, UT [NAD27]

Project Site: 16-12D-37 BTR Well: Well #1 - 16' KB

Wellbore #1 Wellbore: plan1 03may11 rbw Design:

Local Co-ordinate Reference:

TVD Reference; MD Reference:

North Reference:

Survey Calculation Method:

Well Well #1 - 16' KB KB @ 6320.00ft KB @ 6320,00ft

True

Minimum Curvature

esign	plairi osinayi	TIDW							
lanned Survey									
Measured Depth (ft)	Inclination (*)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (*/100ft)	Build Rate (*/100ft)	Turn Rate ("/100ft)
			0.70				Alternative Fil	(A Deservation	71000000771
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200,00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0,00	0.00	0.00
400.00	0.00	0 00	400.00	0.00	0.00	0.00	0,00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0,00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600,00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0,00	0.00	0.00	0.00	0.00
	0.00			0.00	0.00	0.00	0.00	0.00	0.00
800.00		0.00	800,00						
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00	0.00
1,100.00	0.00	0.00	1,100,00	0.00	0.00	0.00	0.00		
1,200.00	0.00	0.00	1,200.00	0.00	0,00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400,00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0,00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0 00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
									0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	
2,300,00	0.00	0.00	2,300.00	0,00	0.00	0.00	0,00	0.00	0.00
2,400.00	0.00	0,00	2,400.00	0.00	0.00	0,00	0.00	0.00	0.00
			0.000.00			0.00	0.00	0.00	2.00
2,500.00	0,00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0,00	0.00	0.00	0.00	0.00	0.00
2,800,00	0.00	0.00	2,500 00	0.00	0.00	0.00	0.00	0.00	9,00
3,000,00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
•	0.00	0.00	3,200,00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00									
3,300.00	0.00	0.00	3,300.00	0,00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
0 500 50			0 500 00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600,00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	1,50	247.83	3,699.99	-0.49	-1.21	1.31	1.50	1.50	0.00
3,800.00	3.00	247.83	3,799.91	-1.98	-4.85	5.23	1.50	1.50	0.00
3,900.00	4.50	247.83	3,899.69	-4.44	-10.90	11.77	1.50	1.50	0.00
3,500.00	4.50		•				1.50	1.00	
4,000.00	6.00	247.83	3,999.27	-7.89	-19,38	20.92	1.50	1.50	0.00
4,090.20	7 35	247.83	4,088.85	-11.85	-29.09	31.41	1.50	1.50	0.00
								0.00	0.00
4,100.00	7.35	247.83	4,098.58	-12.32	-30.25	32.67	0.00		
4,200.00	7.35	247.83	4,197.75	-17.15	-42.10	45.46	0.00	0.00	0.00
4,300.00	7.35	247.83	4,296.93	-21.98	-53.96	58.26	0.00	0.00	0.00
			-						
4,400.00	7 35	247.83	4,396.11	-26.81	-65.81	71.06	0.00	0.00	0.00
4,499.71	7.35	247.83	4,495.00	-31.63	-77.63	83.82	0.00	0.00	0.00
Green River									
		047.00	4 405 00	24.04	77.00	p2 00	0.00	0.00	0.00
4,500.00	7.35	247.83	4,495.29	-31.64	-77.66	83.86	0.00	0.00	0.00
4,600.00	7.35	247.83	4,594.46	-36.47	-89.51	96.66	0.00	0.00	0.00
4,700.00	7.35	247.83	4,693.64	-41.30	-101.36	109.45	0.00	0.00	0.00
4,800.00	7.35	247.83	4,792.82	-46.13	-113.22	122.25	0.00	0.00	0.00
4,900.00	7.35	247.83	4,892.00	-50.95	-125.07	135.05	0.00	0.00	0.00
4,000.00									



Database: Company: EDM 5000.1 Single User Db

ny: Bill Barrett Corp.

Project: Duchesne County, UT [NAD27]

 Site:
 16-12D-37 BTR

 Well:
 Well #1 - 16' KB

 Wellbore:
 Wellbore #1

 Design:
 plan1 03may11 rbw

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Well #1 - 16' KB KB @ 6320,00ft KB @ 6320,00ft

True

Minimum Curvature

sign:	plan1 03may1	1 rbw							
anned Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(*)	(*)	(ft)	(ft)	(ft)	(h)	(°/100ft)	("/100ft)	("/100ft)
5,100,00	7.35	247.83	5,090.35	-60.61	-148.77	160.65	0.00	0.00	0.00
5,200.00	7.35	247.83	5,189.53	-65.44	-160,63	173.44	0.00	0.00	0.00
5,255.93	7.35	247.83	5,245.00	-68.14	-167.25	180.60	0.00	0.00	0.00
Mahogany									
5,300.00	7.35	247.83	5,288.71	-70.27	-172.48	186.24	0.00	0.00	0.00
5,400.00	7.35	247.83	5,387.88	-75.10	-184.33	199.04	0.00	0.00	0.00
5,500.00	7.35	247.83	5,487.06	-79.93	-196.18	211.84	0.00	0,00	0.00
5,800.00	7.35	247.83	5,586.24	-84.76	-208.03	224.64	0.00	0.00	0.00
5,700.00	7.35	247.83	5,685.42	-89.58	-219.89	237,44	0.00	0.00	0.00
5,800,00	7.35	247.83	5,784.60	-94.41	-231.74	250,23	0.00	0.00	0.00
5,900.00	7.35	247.83	5,883.77	-99.24	-243.59	263.03	0.00	0.00	0 00
6,000.00	7.35	247.83	5,982.95	-104.07	-255.44	275.83	0.00	0.00	0.00
6,100.00	7.35	247.83	6,082.13	-108.90	-267.30	288,63	0.00	0.00	0 00
6,200.00	7.35	247.83	6,181.31	-113.73	-279.15	301.43	0 00	0.00	0.00
6,300.00	7.35	247,83	6,280.48	-118.56	-291.00	314.22	0.00	0,00	0.00
6,400 00	7.35	247.83	6,379.66	-123.39	-302.65	327.02	0.00	0.00	0.00
6,500.00	7.35	247.63	6,478.84	-126.21	-314.70	339.82	0.00	0.00	0.00
6,600.00	7.35	247.83	6,578.02	-133,04	-326.56	352.62	0.00	0.00	0.00
6,700.00	7.35	247 83	6,677.19	-137.87	-338.41	365.42	0.00	0.00	0.00
6,755.26	7.35	247 83	6,732.00	-140.54	-344.96	372.49	0.00	0.00	0.00
TGR3									
6,800.00	7.35	247.83	6,776.37	-142.70	-350.26	378.21	0.00	0.00	0.00
6,900.00	7.35	247.83	6,875.55	-147.53	-362 11	391.01	0.00	0.00	0.00
7,000.00	7.35	247.83	6,974.73	-152.36	-373,97	403.81	0.00	0.00	0.00
7,100.00	7.35	247.83	7,073.90	-157.19	-385.82	416.61	0.00	0.00	0.00
7,200.00	7.35	247.83	7,173,08	-162.01	-397,67	429.41	0.00	0.00	0.00
7,300.00	7.35	247.83	7,272.26	-166.84	-409,52	442.21	0.00	0.00	0.00
7,400.00	7.35	247.83	7,371.44	-171.67	-421.37	455.00	0.00	0 00	0,00
7,433.99	7.35	247.83	7,405.15	-173.31	-425.40	459.35	0.00	0.00	0,00
7,500.00	6.36	247.83	7,470.69	-176.29	-432.70	467.24	1.50	-1.50	0.00
7,540.54	5.75	247.83	7,511.00	-177.90	-436.67	471.51	1.50	-1.50	0.00
Douglas C									
7,800.00	4.86	247.83	7,570.20	-179.98	-441.76	477.02	1.50	-1 50	0.00
7,700.00	3.36	247.83	7,669.94	-182,68	-448.40 452.63	484.19	1.50	-1 50 -1 50	0.00
7,800.00	1.86	247.83	7,769.64	-184.40	-452.62	488.75	1.50		0,00
7,900.00	0.36	247.83	7,889.81	-185,14	-454.42	490.69	1.50	-1 50	0.00
7,924.19	0.00	0.00	7,894.00	-185.16	-454.49	490.76	1.50	-1.50	0.00
3PT Marke					,=	400			
8,000.00	0.00	0.00	7,969.81	-185.16	-454.49 454.48	490.76	0.00	0.00	0.00
8,072.19	0.00	0.00	8,042.00	-185.16	-454.49	490.76	0.00	0.00	0.00
Black Shal			B 000 04	405.40	454.40	400 70	0.00	0.00	0.00
8,100.00	0.00	0,00	8,069.81	-185.16	-454.49	490.76	0.00	0.00	0.00
8,200.00		0.00	8,169.81	-185,16	-454.49	490.76	0.00	0.00	0,00
8,300.00	0.00	0.00	8,269.81	-185.16	-454.49	490.76	0.00	0.00	0.00
8,338.19		0.00	8,308.00	-185.16	-454.49	490.76	0.00	0.00	0,00
Castle Pea					,=	400			
8,400.00		0.00	8,369.81	-185.16	-454.49	490.76	0.00	0.00	0.00
8,500.00	0.00	0.00	8,489.81	-185.16	-454,49	490.76	0.00	0.00	0.00
8,600.00	0.00	0.00	8,589.81	-185.16	-454.49	490.76	0.00	0.00	0.00
8,700.00	0.00	0.00	8,669.81	-185.16	-454.49	490.76	0.00	0.00	0.00
8,735.19	0.00	0.00	8,705.00	-185.16	-454.49	490.76	0.00	0.00	0.00
Utaland Bu									
8,800.00	0.00	0.00	8,769.81	-185.16	-454,49	490.76	0.00	0.00	0.00



Database: Company: EDM 5000.1 Single User Db

Bill Barrett Corp.

Project: Duchesne County, UT [NAD27]

Site: 16-12D-37 BTR Welt: Wellbore:

Well #1 - 16' KB Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Well #1 - 16' KB KB @ 6320.00ft KB @ 6320,00ft

True

Minimum Curvature

gn:	plan1 03may11 rbw										
ned Survey											
Measured Depth (ft)	Inclination (*)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (*/100ft)	Build Rate (*/100ft)	Turn Rate (*/100ft)		
6,841.19	0 00	0.00	8,811.00	-185.16	-454.49	490.76	0.00	0.00	0.00		
CR1											
8,900.00	0.00	0.00	6,869.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
9,000.00	0.00	0.00	8,969.81	-185.16	-454.49	490.76	0.00	0,00	0.00		
9,100.00	0.00	0.00	9,069,61	-165.16	-454.49	490.76	0.00	0.00	0.00		
9,147.19	0.00	0.00	9,117.00	-165.16	-454.49	490.76	0.00	0.00	0.00		
Wasatch			-,								
9,200.00	0.00	0.00	9,169.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
•			•								
9,300.00	0.00	0.00	9,269.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
9,389.19	0.00	0.00	9,359.00	-185.16	-454.49	490.76	0 00	0.00	0.00		
CR2											
9,400.00	0.00	0.00	9,369.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
9,500.00	0.00	0 00	9,469.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
9,600.00	0.00	0.00	9,569.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
•				405.40	154.15	100 70					
9,700.00	0.00	0.00	9,669.81	-185.16	-454,49	490.76	0.00	0.00	0.00		
9,786.19	0.00	0.00	9,756.00	-185.16	-454.49	490.76	0.00	0.00	0.00		
CR3											
9,800.00	0.00	0.00	9,769.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
9,900.00	0.00	0.00	9,869.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
10,000.00	0.00	0.00	9,969.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
10,100,00	0.00	0.00	10,069.81	-185.16	-454,49	490.76	0.00	0.00	0.00		
10,100.19	0.00	0.00	10,070.00	-185.16	-454.49	490.76	0.00	0.00	0.00		
CR4	0.00	0.00	10,070.00		75 1. 15	100.10	5.55	0.00	0.00		
	0.00	0.00	10,169.81	-185,16	-454.49	490.76	0.00	0.00	0.00		
10,200.00	0.00	0.00	10,169.81	-185.16	-454.49 -454.49	490.76	0.00	0.00	0.00		
10,300,00	0.00	0.00	10,269.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
10,400.00	0.00	0.00	10,308.01	-103.10	-454.48	490.76	0.00				
10,403.19	0.00	0.00	10,373.00	-185.16	-454.49	490.76	0.00	0.00	0.00		
CR4A											
10,500.00	0.00	0.00	10,469,61	-185,16	-454,49	490.76	0.00	0.00	0.00		
10,539.19	0.00	0.00	10,509.00	-185.16	-454.49	490.76	0.00	0.00	0.00		
CR5							-				
10,600,00	0.00	0.00	10,569,81	-185.16	-454.49	490.76	0.00	0,00	0.00		
10,700.00	0.00	0.00	10,669,81	-185.16	-454.49	490.76	0.00	0.00	0.00		
10,715.19	0.00	0.00	10,685.00	-185.16	-454.49	490.76	0.00	0.00	0.00		
CR6											
10,800.00	0.00	0.00	10,769.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
10,900 00	0.00	0.00	10,869.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
11,000 00	0.00	0.00	10,969.81	-185 16	-454.49	490.76	0.00	0.00	0.00		
11,039 19	0.00	0.00	11,009.00	-185 16	-454.49	490.76	0.00	0.00	0.00		
CR7	-,-0										
11,100.00	0.00	0.00	11,069.81	-185.16	-454.49	490.76	0.00	0.00	0.00		
11,200.00	0.00	0.00	11,169.81	-185,16	-454.49	490.76	0.00	0.00	0.00		
11,300.00	0.00	0.00	11,269.61	-185.16	-454.49	490.76	0.00	0.00	0.00		



Database: Company: EDM 5000.1 Single User Db

pany: Bill Barrett Corp.

Project:

Duchesne County, UT [NAD27]

Site: Well: Wellbore:

Design:

16-12D-37 BTR Well #1 - 16' KB

Well #1 - 16' KB Wellbore #1 plan1 03may11 rbw Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well Well #1 - 16' KB

KB @ 6320,00ft KB @ 6320,00ft

True Minimum Curvature

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir.	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
16-12D-37 BTR Target - plan hits larget cer - Point	0.00 nter	0.00	7,894.00	-185.16	-454.49	691,722.47	2,246,478.77	40° 13' 44.86 N	110° 37' 1.97 W
16-12D-37 BTR PBHL - plan hits target cer - Rectangle (sides V			11,309.00	-185.16	-454.49	691,722.47	2,246,478.77	40° 13' 44.86 N	110° 37' 1.97 W

ormations						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (7)	Dip Direction (")
	4,499.71	4,495.00	Green River		0.00	1000
	5,255.93	5,245.00	Mahogany		0.00	
	6,755.26	6,732.00	TGR3		0.00	
	7,540.54	7,511.00	Douglas Creek		0.00	
	7,924.19	7,894.00	3PT Marker		0.00	
	8,072.19	8,042.00	Black Shale		0.00	
	8,338.19	8,308.00	Castle Peak		0 00	
	8,735.19	8,705.00	Uteland Butte		0.00	
	8,841.19	8,811.00	CR1		0.00	
	9,147.19	9,117.00	Wasalch		0.00	
	9,389.19	9,359.00	CR2		0.00	
	9,786.19	9,756.00	CR3		0.00	
	10,100.19	10,070.00	CR4		0.00	
	10,403.19	10,373.00	CR4A		0.00	
	10,539.19	10,509.00	CR5		0.00	
	10,715.19	10,685.00	CR6		0.00	
	11,039.19	11,009,00	CR7		0.00	

SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT

This Agreement, made and entered into this the 5th day of April, 2011, by and between Ralph M. Giles, Trustee of the Ralph M. Giles Revocable Trust, with an address of P.O. Box 405. Tabiona. UT 84072-0405, ("Surface Owner"), and, Bill Barrett Corporation, 1099 18th Street, Suite 2300, Denver CO 80202, ("BBC").

WITNESSETH THAT:

WHEREAS, BBC owns undivided interests in certain oil and gas leases ("leases") covering and affecting Sections 11 and 12, Township 3 South, Range 7 West, USM, of Duchesne County, Utah; and,

WHEREAS, such leases grant to BBC the right and privilege of ingress, egress, exploring, drilling, mining, operating for, producing and owning oil and gas and all other products produced therewith, together with the right to make surveys on said lands, lay pipelines, construct roads and bridges, dig canals, build power stations, telephone lines, employes houses and other structures on said lands, necessary or useful in BBC's operations; and,

WHEREAS, BBC, pursuant to its rights under the Leases, intends to drill the following wells:

#14-11-37 BTR.

#16-11-37 BTR,

#14-12-37 BTR, and,

#16-12-37 BTR wells at legal drill-site locations in the <u>S1/2 of Sections 11 and 12, Township 3 South, Range 7 West, USM, Duchesne County, Utah; and,</u>

WHEREAS, Surface Owner warrants ownership to the surface of at least specific portions of the S1/2 of Sections 11 and 12, Township 3 South, Range 7 West, USM. Ducheans County, Utah, and which warranted ownership is further subject to all oil, gas and other mineral rights which are reserved for the use and benefit of the owners thereof; and.

Page 1 of 3

Ralph M. Giles (435)828-4161

05/19/2011 15:49 18015630909

PAGE 03

BBC shall maintain all made used pursuant to this Agreement and shall install culverts where necessary to insure adequate drainage from all roads.

BBC shall repair any fences and gates damaged by them during the course of their operations on the lands subject to this Agreement.

Surface Owner and their heirs or essigns shall have full access and use of the road built pursuant to this Agreement,

This Agreement shall inure to the benefit of the parties hereto, their heirs, successors and assigns and shall be a burden running with the land.

This Agreement may be executed in any number of counterparts and all such counterparts shall be deemed to constitute a single Agreement and the execution of one counterpart by any party hereto shall have the same force and effect as if said party had signed all other counterparts.

IN WITNESS WHEREOF, the parties have executed this Surface Damage Settlement Agreement effective as of the 5th day of April. 2011.

Raiph M. Giles, Trustee Clint W. Turner As Agent for Bill Barrett Corporation STATE OF UTAH COUNTY OF Darks Agent for Bill Barrett Corporation STATE OF UTAH COUNTY OF Darks Agent for Bill Barrett Corporation On the May of May 2011, personally appeared before me the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed. My Commission Expires: 1211111 My Commission Expires: 1211111 STATE OF UTAH COUNTY OF SALT LAKE On the 17 day of May 2011, personally appeared before me Clint W. Turner, who, being by me duly swom, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same. On the Walley with the country Public Residing at: Danket Walley Country Public Residing at: Danket Walley Country State of 1994 Notary Public Residing at: Danket Walley Country State of 1994 Notary Public Residing at: Danket Walley Country State of 1994		ULL BARRETT CORPORATION
STATE OF UTAH COUNTY OF Duches ne. All ph. M. Jules Trister., Issown to me to be the person whose name is subscribed to the foregoing instrument and scknowledged to me that she executed the same for the purpose and consideration therein expressed. Notary Public Residing at: Notary Public Residing at: On the SWIFE SWIF	By: Ryl m Alex Timstee Ratph M. Giles, Trustee	Ond W. Indian
COUNTY OF DATA AND 2011, personally appeared before me Raich Mayor Install, issown to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed. Mayor Public Residing at: Mayor M		As Agent for Bill Barrett Corporation
COUNTY OF DATA AND 2011, personally appeared before me Raich Mayor Install, issown to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed. Mayor Public Residing at: Mayor M		
COUNTY OF DATA AND 2011, personally appeared before me Raich Mayor Install, issown to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed. Mayor Public Residing at: Mayor M		
Con the State of Man 2011, personally appeared before me 101 ft M. Jules Tricket, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.	,	
Con the State of Man 2011, personally appeared before me 101 ft M. Jules Tricket, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.	COUNTY OF Duchesne	
the foregoing instrument and acknowledged to me that she executed the same for the purpose and consideration therein expressed.	On the Eth day of Nam 2	2011, personally appeared before me
Notary Public Residing at: Nutrest (Mah 8402) My Commission Expires: 1211111 STATE OF UTAH COUNTY OF SALT LAKE On the 19 day of 1201, personally appeared before me Clint W. Turner, who, being by me duly sworm, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner, schooledged to me that said corporation executed the same. On the 19 day of 100 me duly sworm, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner scknowledged to me that said corporation executed the same. Notary Public Residing at: DANNEL WALLAMS CONTLET STATE OF USAN	Kal ph M. Gules Triske, known to me to	o be the person whose name is subscribed to
My Commission Expires:		
My Commission Expires:		(snathle Sanches
COUNTY OF SALT LAKE On the /5 day of / At/ , 2011, personally appeared before me Clint W. Turner, who, being by me duly swom, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same. Description by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same. Description by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.		Notary Public Residing at Ducheste Wah 84621
COUNTY OF SALT LAKE On the /5 day of / At/ , 2011, personally appeared before me Clint W. Turner, who, being by me duly swom, did say that he is the Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same. Description by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same. Description by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same.	My Commission Expires: 12.11.11	/
COUNTY OF SALT LAKE On the /5 day of // At/ , 2011, personally appeared before me		-
COUNTY OF SALT LAKE On the /5 day of // At/ , 2011, personally appeared before me		CONNECT SANCHEZ
On the	STATE OF UTAH	
Agent of Bill Barrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clint W. Turner acknowledged to me that said corporation executed the same. Continued of the same of th	COUNTY OF SALT LAKE)	
Clint W. Turner scknowledged to me that said corporation executed the same. October Public Residing at: DANIEL WALLAR CONTLEY	On the /5 day of // At/, 2 Clint W. Turner, who, being by me duly sw	2011, personally appeared before me
Clint W. Turner scknowledged to me that said corporation executed the same. October Continued C	Agent of Bill Barrett Corporation and that	t said instrument was signed in behalf of said
Residing at: DAMEL WILLIAM COSTLEY		
Residing at: DAMEL WILLIAM COSTLEY		Och William Contray
NOTATION OF STATE OF		Residing at:
COMMISSION EXPINES: 10-24-2014	My Commission Expires: 10-24-204	COMMISSIONS SOCIETY

05/19/2011 15:49 18015630989

PAGE 05

STATE OF UTAH COUNTY OF DUCHESNE

SURFACE LAND USE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, Little Red Creek Cattle Company, LLC whose mailing address is PO Box 332, Tabiona, UT 84072 (hereinafter reflected to as GRANTOR), whather one or more), is the owner of the surface of the following described property located in Duchesne County, Utah , to-wir:

TOWNSHIP 3 SOUTEL RANGE 6 WEST, USM Section 7: Lot 4 (EW1/4SW1/4

See Exhibits "A" and "B" Attached

WHEREAS, Bill Barrett Corporation., whose address is 1099 18th Street, Snine 2300, Denver, CO 80202 (hereinafter referred to as GRANTEE) desires to construct an access road and a pipeline or pipelines and appartunences therein for the transportation of natural gas, water, sultwater and other substances on a portion of said property.

WHEREAS, Grantee has agreed to reinsburse Granter for actual damages and injuries to all crops, timber, timees and other improvements located on the surface which results from granter's operations hereunder, provided that Grantee shall not be hald liable or responsible for acts of providence or occurrences beyond Grantee's control, such payment to be made upon commencement of operations to construct the road and pipeline or pipelines; so,

Page 1 of 3

C/O Gary Stringham (801)380-1055

The making, execution and delivery of this document by Grunter has been induced by no representations, statusment, warranties, or other agreements other than those leaves expressed. This agreement embodies the entire understanding of the parties, and this instrument may be suseded or modified only by subsequent written agreement of the parties.

This agreement shall inner to the besult of the parties hereto, their heirs, secondary, and exalgae and shall be a burden running with the land.

IN WITNESS WHERIOF, this Surface Land Use Agreement is executed as of the dates of the respective science/selements of the parties hereto, but is affective as of the 31st day of March, 2011.

GRANTES:

BILL BARRETT CORPORATION

By: Tanta V. Turner, or Agent for Bill Barrett Corporation

ACKNOWLEDGMENT

STATE OF UTAH COUNTY OF

On this the day of the land of

WITNESS my hand and official seal.

Notely Proble
Residing to

My Commission Expires: 1. 6:2015



05/19/2011 15:49 18015630909

PAGE 07

ACKNOWLEDGMENT

STATE OF UTAH COUNTY OF SALT LAKE

On this being by me duly swam, did say that he is the Agent for Bill Burrett Corporation and that said instrument was signed in behalf of said corporation by authority of a resolution of its Board of Directors and said Clies W. Turner acknowledged to me that said corporation executed the same.

My Commission Expires: 10-24-2014

Nony Public

DANIEL WILLIAM COSTLEY
NORMY PURIC-STREE OF HIMM
COMMISSIONS SUCCESS
COMM. EXP. 10-24-2014

Pego 3 of 3

SURFACE USE PLAN

BILL BARRETT CORPORATION

16-12D-37 BTR Well Pad

SE SE, 996' FSL, 356' FEL, Section 12, T3S, R7W, USB&M (surface hole) SE SE, 810' FSL, 810' FEL, Section 12, T3S, R7W, USB&M (bottom hole)

Duchesne County, Utah

The project is located entirely on private surface with surface use agreements in place:

- Pad area Ralph M. Giles Trustee
- Access, pipeline and powerline corridors
 - o Ralph M. Giles Trustee
 - o Little Red Creek Cattle Co. LLC

The project is located entirely on Ute Tribe minerals.

The onsite inspection is pending.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The proposed well site is located approximately 14.9 miles northwest of Duchesne, Utah. Maps and directions reflecting the route to the proposed well site are included (see Topographic maps A and B).
- b. The existing Duchesne County maintained Koch Road (CR 23) would be utilized for 5.7 miles to an existing El Paso maintained access road that would be utilized for 1.3 miles that provides access to the planned new access road.
- c. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a motor grader and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- d. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- e. The use of roads under State and Duchesne County Road Department maintenance are necessary to access the project area with no improvements proposed. No encroachment or pipeline crossing permit are required

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

f. All existing roads would be maintained and kept in good repair during all phases of operation.

2. Planned Access Road:

- a. Approximately 1,458 feet of new access road trending northwest is planned from the proposed 14-7D-36 BTR access road. The 14-7D-36 BTR access is being applied for under a separate application and continues an additional 2,384 feet to the existing El Paso maintained access road (see Topographic Map B).
- b. The road would be constructed to a 30-foot ROW width with an 18-foot travel surface. See section 12.d. below for disturbance estimates.
- c. New road construction and improvements of existing roads would typically require the use of motor graders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- d. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- e. A maximum grade of 10% would be maintained throughout the project with minimum cuts and fills, as necessary, to access the well.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private or State of Utah lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Turnouts are not proposed because the access road is short and adequate site distance exists in all directions.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

- i. No culverts or low-water crossings are anticipated. Adequate drainage structures, where necessary, would be incorporated into the remainder of the road to prevent soil erosion and accommodate all-weather traffic.
- j. No gates or cattle guards are anticipated at this time.
- k. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- All access roads and surface disturbing activities would conform to the
 appropriate standard, no higher than necessary, to accommodate their intended
 function adequately as outlined in the Bureau of Land Management and Forest
 Service publication: <u>Surface Operating Standards for Oil and Gas Exploration
 and Development, Fourth Edition Revised 2007.</u>
- m. The operator would be responsible for all maintenance needs of the new access road.

3. <u>Location of Existing Wells (see One-Mile Radius Map):</u>

a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	one
iv.	drilling wells	none
v.	temp shut-in wells	none
vi.	producing wells	one
vii.	abandoned wells	five

4. <u>Location of Production Facilities</u>

- a. Surface facilities would consist of a wellhead, separator, gas meter, (1) 500 gal methanol tank, (1) 500 glycol tank, (3) 500 bbl oil tanks, (1) 500 bbl water tank, (1) 500 bbl test tank, (1) 1000 gal propane tank, a pumping unit or Roto-flex unit or gas lift unit with a natural gas fired motor, solar panels, solar chemical and methanol pumps and one trace pump. See attached proposed facility diagram.
- Most wells would be fitted with a pump jack or Roto-flex unit or gas lift to assist liquid production if liquid volumes and/or low formation pressures require it.
 Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks or Roto-flex units would be small (75 horsepower or less),

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

natural gas-fired internal combustion engines. If a gas lift is installed, it would be set on a 10 ft x 15 ft pad and the prime mover would be a natural gas-fired internal combustion engine rated at 200 horsepower or less or an electric compressor of similar horsepower powered by a generator.

- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the tank battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil.
- d. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- e. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 27 ft tall. Combustor placement would be on existing disturbance.
- f. Approximately 1,516 feet of pipeline corridor (see Topographic Map C) containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed trending southeast to the proposed 14-7D-36 BTR pipeline corridor. The 14-7D-36 BTR pipeline corridor is being applied for with a separate application and continues approximately 2,384 feet to the existing pipeline corridor. Pipelines would be constructed of steel, polyethylene or fiberglass and would connect to the proposed pipeline servicing nearby BBC and El Paso wells. The pipeline crosses entirely private surface.
- g. The new segment of gas pipeline would be surface laid within a 30 foot wide pipeline corridor adjacent to the proposed access road. See 12.d below for disturbance estimates.
- h. Construction of the ROW would temporarily utilize the 30 foot disturbed width for the road for a total disturbed width of 60 foot for the road and pipeline corridors. The use of the proposed well site and access roads would facilitate the staging of the pipeline construction.
- Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the reestablishment of the native plant community.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

- j. All permanent above-ground structures would be painted a flat, non-reflective color, such as Juniper Green, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- k. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any modifications to proposed facilities would be reflected in the site security diagram submitted.
- 1. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

5. <u>Location and Type of Water Supply:</u>

a. Water for the drilling and completion would be trucked from any of the following locations:

Water Right No. and Application or Change No.	Applicant	Allocation	Date	Point of Diversion	Source
43-180	Duchesne City Water Service District	5 cfs	8/13/2004	Knight Diversion Dam	Duchesne River
43-1202, Change a13837	Myton City	5.49 cfr and 3967 acre feet	3/21/1986	Knight Diversion Dam	Duchesne River
43-10444, Appln A57477	Duchesne County Upper Country Water	2 cfs	1994	Ditch at Source	Cow Canyon Spring
43-10446, Appln F57432	Duchesne County Upper Country Water	1.58 cfs	1994	Ditch at Source	Cow Canyon Spring
43-1273, Appln A17462	J.J.N.P. Company	7 cfs	1946	Strawberry River	Strawberry River
43-1273, Appln t36590	J.J.N.P. Company	4 cfs	6/03/2010	Strawberry River	Strawberry River

- b. No new water well is proposed with this application.
- c. Should additional water sources be pursued they would be properly permitted through the State of Utah Division of Water Rights.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

d. Water use would vary in accordance with the formations to be drilled but would be up to approximately 5.41 acre feet for drilling and completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be removed from the lease or EDA area.
- c. If any additional gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.
- b. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- c. The reserve would be lined with 12 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the reserve pit at all times.
- d. To deter livestock from entering the pit, the three sides exterior to the location would be fenced before drilling starts. Following the conclusion of drilling and completion activities, the fourth side would also be fenced.
- e. Drill cuttings would be contained in the pit and buried on-site for a period not to exceed six months, weather permitting
- f. Produced fluids from the well other than water would be decanted into steel test tank(s) until such time as construction of production facilities is completed. Any oil that may be accumulated would be transferred to a permanent production tank. Produced water may be used in further drilling and completion activities, evaporated in the pit, or would be hauled to one of the state-approved disposal facilities below:

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

Disposal Facilities

- 1. RNI Industries, Inc. Pleasant Valley Disposal Pits, Sec. 25, 26, 35 & 36, T4S-R3W
- 2. Pro Water LLC Blue Bench 13-1 Disposal Well (43-013-30971) NENE, Sec. 13, T3S-R5W
- 3. RN Industries, Inc. Bluebell Disposal Ponds, Sec. 2, 4 & 9, T2S-R2W
- 4. Water Disposal, Inc. Harmston 1-32-A1 Disposal Well (43-013-30224), UTR #00707, Sec. 32, T1S-R1W
- 5. Unified Water Pits Sec. 31, T2S-R4W
- 6. Iowa Tank Line Pits 8500 BLM Fence Road, Pleasant Valley
- g. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- h. Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- i. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- j. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

- k. Sanitary waste equipment and trash bins would be removed from the Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- I. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the Project Area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is feasible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- m. Hydrocarbons would be removed from the reserve pit would as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- b. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. The well pad could include up to five single wide mobile homes or fifth wheel campers/trailers.
- c. A surface powerline corridor 1,476 feet in length is proposed for installation by third-party installer within a 150 foot wide powerline corridor adjacent to the proposed access road. See 12.d below for disturbance estimates.

9. Well Site Layout:

- a. The well would be properly identified in accordance with 43 CFR 3162.6.
- b. The pad layout, cross section diagrams and rig layout are enclosed (see Figures 1 and 2).
- c. The pad and road designs are consistent with industry specifications.
- d. The pad has been staked at its maximum size of 400 feet x 300 feet with an inboard reserve pit size of 100 feet x 205 feet x 8 feet deep. See section 12.d below for disturbance estimates.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

- e. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- i. Diversion ditches would be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- Water application may be implemented if necessary to minimize the amount of fugitive dust.
- k. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

10. Plan for Restoration of the Surface:

- a. A site specific reclamation plan would be submitted, if requested, within 90 days of location construction to the surface managing agency.
- b. Site reclamation would be accomplished for portions of the well pad not required for the continued operation of the well on this pad within six months of completion, weather permitting.
- c. The operator would control noxious weeds along access road use authorizations and well site by spraying or mechanical removal, according to the Utah Noxious Weed Act and as set forth in the approved surface damage agreements.
- d. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. The reserve pit would be allowed to dry prior to the commencement of backfilling work. No attempts would be made to backfill the reserve pit until it is free of standing water. Once dry, the liner would be torn and perforated before backfilling.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

- e. The reserve pit and that portion of the location not needed for production facilities/operations would be recontoured to the approximate natural contours. Areas not used for production purposes would be backfilled and blended into the surrounding terrain, reseeded and erosion control measures installed. Mulching, erosion control measures and fertilization may be required to achieve acceptable stabilization. Back slopes and fore slopes would be reduced as practical and scarified with the contour. The reserved topsoil would be evenly distributed over the slopes and scarified along the contour. Slopes would be seeded with the landowner specified seed mix.
- f. Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the landowner prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.

11. Surface and Mineral Ownership:

- a. Surface ownership -
 - Pad area Ralph M. Giles Trustee
 - · Access, pipeline and powerline corridors
 - o Ralph M. Giles Trustee
 - o Little Red Creek Cattle Co. LLC
- b. Mineral ownership Ute Indian Tribe 988 South 7500 East; Ft. Duchesne, Utah 84026; 435-725-4982.

12. Other Information:

- a. Montgomery Archeological Consultants has previously conducted a Class III archeological survey. A copy of the report, MOAC 11-088, will be submitted under separate cover to the appropriate agencies by Montgomery.
- BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs or firearms within the Project Area.
 - No littering within the Project Area.
 - Smoking within the Project Area would only be allowed in off-operator
 active locations or in specifically designated smoking areas. All cigarette
 butts would be placed in appropriate containers and not thrown on the
 ground or out windows of vehicles; personnel and contractors would abide
 by all fire restriction orders.

Bill Barrett Corporation Surface Use Plan 16-12D-37 BTR Duchesne County, UT

- Campfires or uncontained fires of any kind would be prohibited.
- Portable generators used in the Project Area would have spark arrestors.

d. Disturbance estimates:

Approximate Acreage Disturbances

Well Pad		3.616	acres
Access	1,458 feet	1.004	acres
Pipeline	1,5 16 feet	1.044	acres
Powerline	1,458 feet	1.004	acres

Total 6.668 acres

OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application and that bond coverage is provided under Bill Barrett Corporations federal nationwide bond. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

23 day of Muy Venessa Langmacher () Executed this

Name: Senior Permit Analyst Position Title:

1099 18th Street, Suite 2300, Denver, CO 80202 Address:

Telephone: 303-312-8172

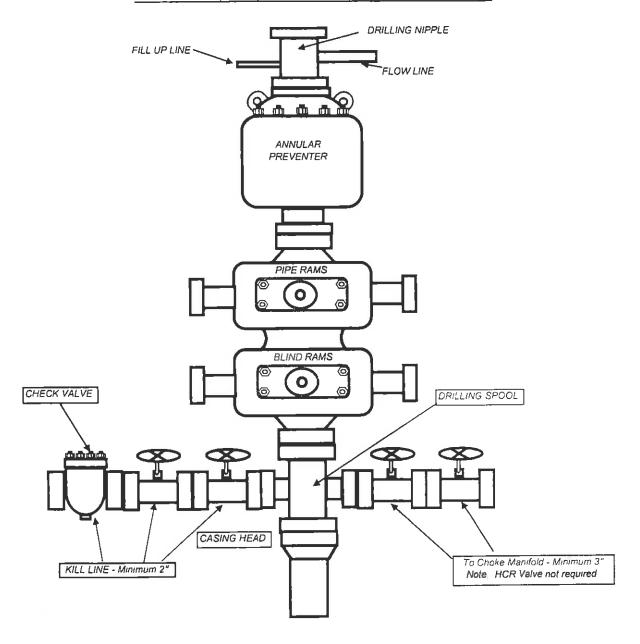
E-mail: vlangmacher@billbarrettcorp.com Field Representative Kary Eldredge / Bill Barrett Corporation 1820 W. Highway 40, Roosevelt, UT 84066 Address: Telephone: 435-725-3515 (office); 435-724-6789 (mobile)

E-mail: keldredge@billbarrettcorp.com

Venessa Langmacher, Senior Permit Analyst

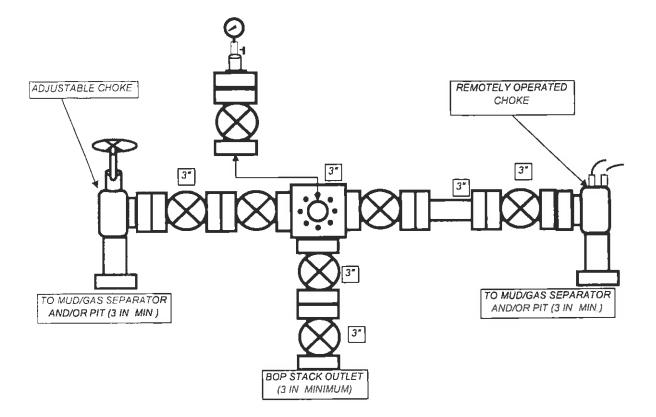
BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD





May 23, 2011

Ms. Diana Mason – Petroleum Technician State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11

Blacktail Ridge Area #16-12D-37 BTR Well

Surface: 996' FSL & 356' FEL, SESE, 12-T3S-R7W, USBM

Bottom Hole: 810' FSL & 810' FEL, SESE, 12-T3S-R7W, USBM

Duchesne County, Utah

Dear Ms. Mason,

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill the above referenced well, we hereby submit this letter in accordance with Oil & Gas Conservation Rules R649-2, R649-3, R649-10 and R649-11, pertaining to the Location and Siting of Wells.

- The proposed location is within our Blacktail Ridge Area.
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area.
- The well will be drilled under an Exploration and Development Agreement between the Ute Indian Tribe and Ute Distribution Corporation. Ute Energy, LLC owns a right to participate in this well.
- BBC certifies that it is the working interest owner of all lands within 460 feet of the proposed well location, and together with Ute Energy, LLC, we own 100% of the working interest in these lands.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. Should you have any questions or need further information, please contact me at 303-312-8544.

Sincerely, Unwa Saymachel for

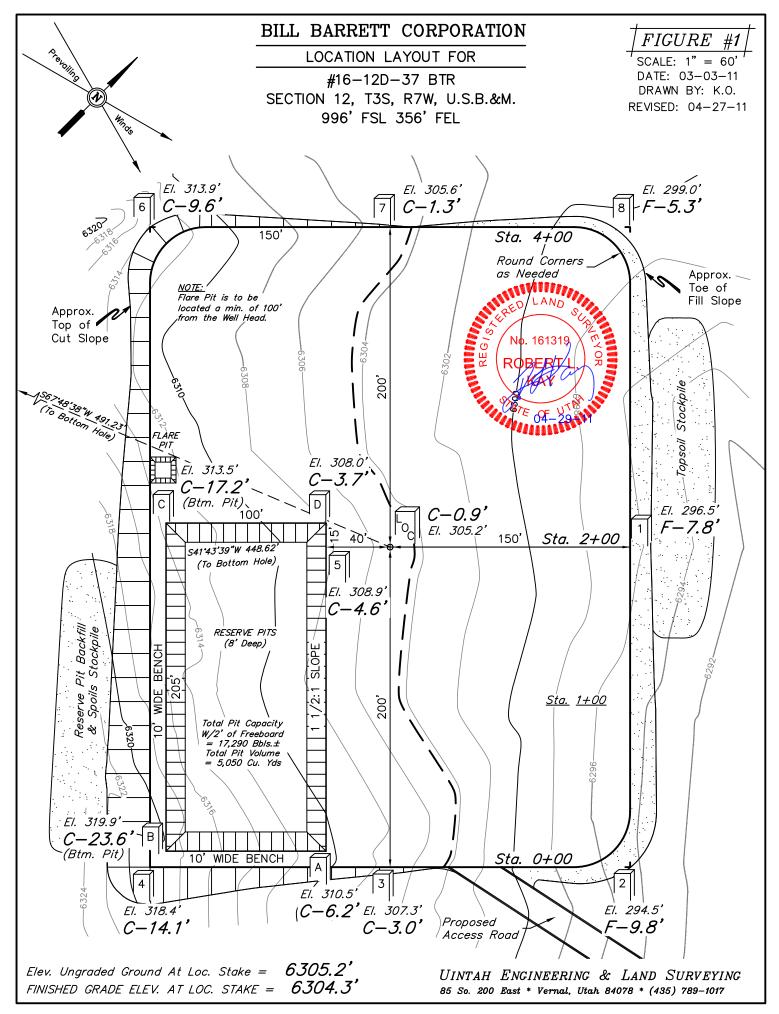
David Watts

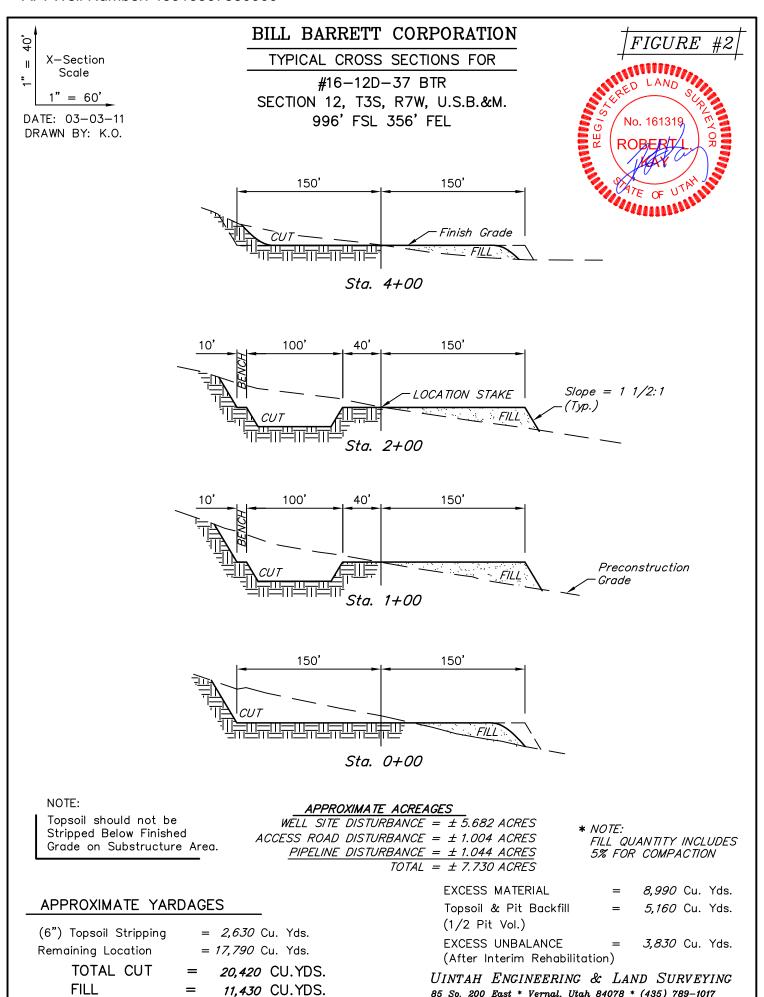
Landman

1099 18TH STREET

SUITE 2300

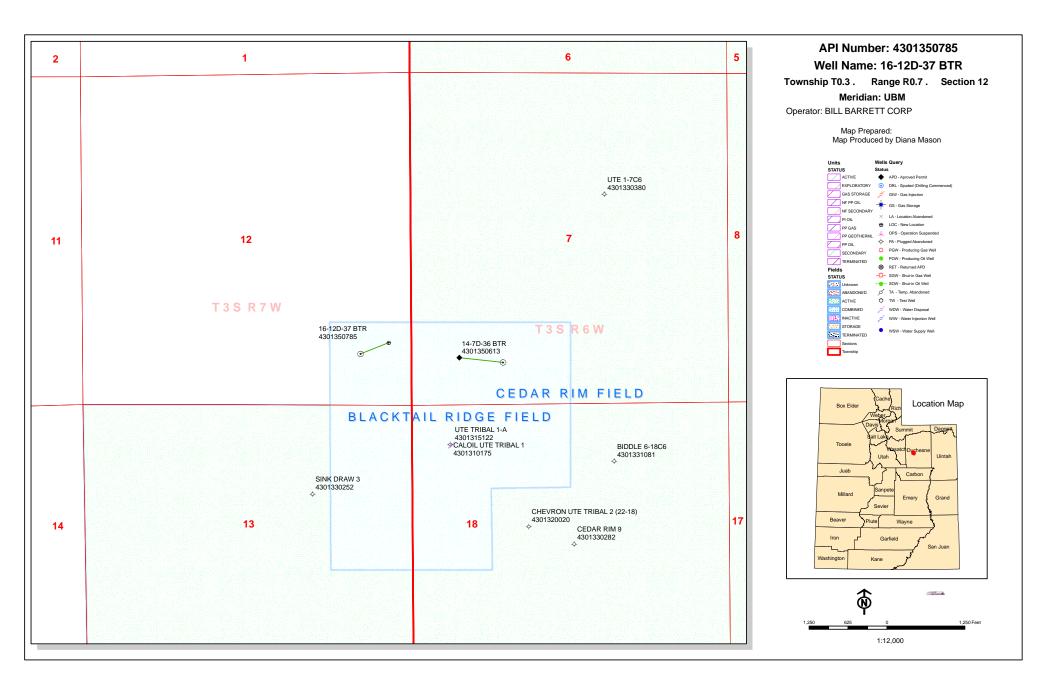
DENVER, CO 80202





RECEIVED: Jun. 28, 2011

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP

Well Name 16-12D-37 BTR

API Number 43013507850000 APD No 3866 Field/Unit CEDAR RIM

Location: 1/4,1/4 SESE **Sec** 12 **Tw** 3.0S **Rng** 7.0W 996 FSL 356 FEL **GPS Coord (UTM)** 532712 4453098 **Surface Owner** Ralph M. Giles

Participants

James Hereford (BLM), Kary Eldredge (Bill Barrett), Don Hamilton (Star Point), Trevor Anderson (UELS), Joe Avia (EIS), Richard Powell (DOGM), Kelly Jo Jackson (Montgomery)

Regional/Local Setting & Topography

This location sits approximately .25 mile south west of Rabbit Gulch on the toe of a long slope downward from the west. Rabbit Gulch is a large drainage wash and the predominate local feature. Rabbit Gulch drains to Starvation Lake approximately 6 miles to the east. Duchesne UT is approximately 15 miles to the east.

Surface Use Plan

Current Surface Use

Wildlfe Habitat Deer Winter Range

New Road Miles Well Pad Src Cons

Src Const Material Surface Formation

0.28 Width 300 Length 400 Onsite UNTA

Y

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Deer, elk, coyote, rabbits and other small mammals, song birds, raptors Pinion, Juniper, sparse grasses, prickly pear

Soil Type and Characteristics

Very shallow sandy loam soil on exposed rock outcroppings

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

6/28/2011 Page 1

RECEIVED: Jun. 28, 2011

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? Y

Reserve Pit

Site-Specific Factors	Site Ra	anking	
Distance to Groundwater (feet)	>200	0	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	High permeability	20	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Unknown	10	
	Final Score	40	1 Sensitivity Level

Characteristics / Requirements

The reserve pit will be place in cut in a stable location. The pit will be 100ft x 205ft x 8ft deep with a total capacity including freeboard of 17,290bbl. Kary Eldredge of BBC said they will use a 20 mil liner with a felt sub-liner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell 6/15/2011 **Evaluator Date / Time**

6/28/2011 Page 2

RECEIVED: Jun. 28, 2011

Application for Permit to Drill Statement of Basis

6/28/2011 Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner CBM	1
3866	43013507850000	LOCKED	OW	P No	
Operator	BILL BARRETT CORP		Surface Owner-APD	Ralph M. Giles	
Well Name	16-12D-37 BTR		Unit		
Field	CEDAR RIM		Type of Work	DRILL	
Location	SESE 12 3S 7W U	996 FSL 356	FEL GPS Coord (UTM)	532711E 4453100N	

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill 6/28/2011 **APD Evaluator Date / Time**

Surface Statement of Basis

This onsite evaluation was scheduled by James Hereford of the BLM. According to Mr.. Hereford, the land owner Ralph M. Giles was contacted but chose not to attend. Mr. Hereford related concerns which he did discuss with Mr. Giles. Mr. Giles requested that disturbance to the land be kept as minimal as possible. Also, there is a very old brush fence which Mr. Giles requested to be preserved. The access road to this particular well does not affect the brush fence but later sections of road leading to other wells beyond this location on the same access do cross or pass nearby the brush fence. During the onsite on Mr. Giles land, Kelly Jackson of Montgomery archeology flagged the brush fences to mark appropriate road rerouting.

Mr. Hereford requested that trees and brush be pushed to the side in a manner to be easily used for reclamation purposes.

Richard Powell 6/15/2011
Onsite Evaluator Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the
	reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: Jun. 28, 2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/23/2011 API NO. ASSIGNED: 43013507850000

WELL NAME: 16-12D-37 BTR

PHONE NUMBER: 303 312-8134 **OPERATOR:** BILL BARRETT CORP (N2165)

CONTACT: Tracey Fallang

PROPOSED LOCATION: SESE 12 030S 070W **Permit Tech Review:**

> **SURFACE:** 0996 FSL 0356 FEL **Engineering Review:**

BOTTOM: 0810 FSL 0810 FEL Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.22959 **LONGITUDE:** -110.61550 NORTHINGS: 4453100.00

UTM SURF EASTINGS: 532711.00

FIELD NAME: CEDAR RIM **LEASE TYPE:** 2 - Indian

LEASE NUMBER: 20G0005608 PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE: NO**

RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:
▶ PLAT	R649-2-3.
▶ Bond: INDIAN - LPM8874725	Unit:
Potash	R649-3-2. General
Oil Shale 190-5	

Oil Shale 190-3 R649-3-3. Exception

Oil Shale 190-13 **Drilling Unit**

Water Permit: Duchesne City Culinary Water Dock Board Cause No: Cause 139-84

Effective Date: 12/31/2008 **RDCC Review:**

Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells **Fee Surface Agreement**

Intent to Commingle ■ R649-3-11. Directional Drill

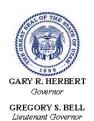
Commingling Approved

Comments: Presite Completed

Stipulations:

4 - Federal Approval - dmason 5 - Statement of Basis - bhill 15 - Directional - dmason

API Well No: 43013507850000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: 16-12D-37 BTR
API Well Number: 43013507850000
Lease Number: 2OG0005608
Surface Owner: FEE (PRIVATE)

Approval Date: 6/28/2011

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

API Well No: 43013507850000

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Form 3160-3 (August 2007)

RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR REENTER

MAY 2 7 2011

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No. 20G0005608

6.	If Indian, Allottee or Tribe Nam	ie

]		
1a. Type of Work: DRILL REENTER		7. If Unit or CA Agreement,	Name and No.	
lb. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Otl	ner 🔲 Single Zone 🙀 Multiple Zone	8. Lease Name and Well No 16-12D-37 BTR		
Name of Operator Contact: BILL BARRETT CORPORATION E-Mail: vlangma	VENESSA LANGMACHER cher@billbarrettcorp.com	9. APT Well No. 43 013 50	785	
3a. Address 1099 18TH STREET SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-312-8172 Fx: 303-291-0420	10. Field and Pool, or Explo CEDAR RIM	ratory	
4. Location of Well (Report location clearly and in accorded	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. a	and Survey or Area	
At surface SESE 996FSL 356FEL 40.	229592 N Lat, 110.616300 W Lon	Sec 12 T3S R7W Me	er UBM	
At proposed prod. zone SESE 810FSL 810FEL 40.	229081 N Lat, 110.617928 W Lon			
 Distance in miles and direction from nearest town or post MILES NORTHWEST OF DUCHESNE, UT 	-	12. County or Parish DUCHESNE	13. State UT	
 Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 	16. No. of Acres in Lease	17. Spacing Unit dedicated t	o this well	
810'	66101.00	640.00		
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on i	file	
completed, applied for, on this lease, ft. 2077'	11339 MD 11309 TVD	LPM8874725		
21. Elevations (Show whether DF, KB, RT, GL, etc. 6305 GL	22. Approximate date work will start 01/01/2012	23. Estimated duration 60 DAYS (D&C)		
	24. Attachments	- 		
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to	his form:		
Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off	Item 20 above). 5. Operator certification	ormation and/or plans as may b		
25. Signature (Electronic Submission)	Name (Printed/Typed) VENESSA LANGMACHER Ph: 303-312	2-8172	Date 05/23/2011	
Title SENIOR PERMIT ANALYST		The state of the s		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	d	Date CT 0 4 2011	
Assistant Field Manager Lands & Mineral Resources	VERNAL FIELD OFFICE			
Application approval does not warrant or certify the applicant hoperations thereon. Conditions of approval, if any, are attached.	Ids legal or equitable title to those rights in the subject le	ase which would entitle the app	licant to conduct	

Additional Operator Remarks (see next page)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #108892 verified by the BLM Well Information System

For BILL BARRETT CORPORATION, sent to the Vernal

Committed to AFMSS for processing by PORING MANAGEMENT CORPORATION. Committed to AFMSS for processing by ROBIN R. HANSEN on 06/06/2011 ()

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

OCT 1 2 2011

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Bill Barrett Corporation

Location:

SESE, Sec. 12, T3S, R7W(S)

SESE, Sec. 12, T3S, R7W (B)

Well No:

16-12D-37 BTR

Lease No:

2OG0005608

API No:

43-013-50785

Agreement:

N/A

OFFICE NUMBER: (435) 781-4400 OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	_	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	_	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	_	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <u>ut_vn_opreport@blm.gov</u> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.
the first control of the control of	* * * * *	the control of the co

Page 2 of 6 Well: 16-12D-37 BTR 9/28/2011

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Any deviation of submitted APD's, which includes BBCs surface use plan, and ROW
 applications the operator will notify the BLM in writing and will receive written authorization of
 any such change with appropriate authorization.
- The operator will implement "Safety and Emergency Plan." The operator's safety director will ensure its compliance.
- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, COAs, and ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the BLM shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease until resources can be identified and protected properly.
- Production facilities will be painted Beetle Green to blend in with the surrounding habitat.
- Wood that will be removed will be piled up along well access road, and around well pad. This can be used by the land owner, or for reclamation purposes.
- Site reclamation will be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owners or the BLM for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

Page 3 of 6 Well: 16-12D-37 BTR 9/28/2011

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A CBL shall be run from TD to surface on the production casing.
- Gamma Ray Log shall be run from TD to Surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas
 Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: 16-12D-37 BTR 9/28/2011

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or work-over program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: 16-12D-37 BTR 9/28/2011

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - o Well name and number.
 - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
 be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
 reported verbally within 24 hours, followed by a written report within 15 days. "Other than
 Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on
 the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, work-over, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

Page 6 of 6 Well: 16-12D-37 BTR 9/28/2011

• All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9		
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINII		5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608		
SUNDR	Y NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 16-12D-37 BTR		
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013507850000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		PHONE NUMBER: 3 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL	COUNTY: DUCHESNE				
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 1.	IIP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Meridia	n: U	STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
_	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
✓ DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
Report Date: 2/1/2012	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
2/1/2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
February 201	COMPLETED OPERATIONS. Clearly show all 2 monthly drilling activity to r	eport: well spud.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	R TITLE Permit Analyst			
SIGNATURE N/A		DATE 3/5/2012			

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M		3	5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDR	Y NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.	y deep zontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: 16-12D-37 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43013507850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Me	ridian: \	U	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	☐ NEW CONSTRUCTION
·	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK
✓ SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud: 2/28/2012	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
2/20/2012	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	□ WATER SHUTOFF	П,	SI TA STATUS EXTENSION	APD EXTENSION
Report Date.	WILDCAT WELL DETERMINATION		OTHER	OTHER:
				<u>'</u>
	COMPLETED OPERATIONS. Clearly show	-	_	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012
NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUN 303 312-8172	IBER	TITLE Senior Permit Analyst	
SIGNATURE N/A			DATE 2/29/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

zip 80202 state CO

Phone Number: (303) 312-8172

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County		
4301350785	16-12D-37 BTR	-37 BTR SESE				D-37 BTR SESE 12	38	7W	Duchesne
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		ity Assignment iffective Date		
А	99999	19446	2	2/28/201	2	31	20 /2012		
omments:	10 0 0		""	00					

Spudding Operation was conducted by Triple A Drilling @ 9:30 am.

Well 2

API Number	Well Name		lame QQ		Twp	Rng	County
4301350754	14-10D-45 BTR	10D-45 BTR		10	4S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Α	99999	18447	2/26/2012		2/26/2012 3/20		20/2012

Comments: Spudding Operating was conducted by Triple A Drilling @ 2:30 pm.

Secia BHL

Well 3

API Number	Well	Name	QQ Sec Twp		Rng	County	
4304752006	Aurora Federal 15-2	Aurora Federal 15-28D-7-20		SWSE 28 7S		20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
А	9999	19448	2	2/24/201	2	31	20/2012
Comments: Spur	Iding Operating was co	nducted by Triple A Dr	illing @ 11	:30 am.			

ACTION CODES:

- A Establish new entity for new well (single well only).
- B Add new well to existing entity (group or unit walk CEIVED
- C Re-assign well from one existing entity to another existing entity
 D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Venessa Langmacher

Name (Please Print)

Venessa Langmacher

Signature

Sr Permit Analyst

2/29/2012

Div. of Oil, Gas & Mining

Title

Date

	STATE OF UTAH			FORM 9
ı	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M			5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDR	Y NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	posals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.	tly deep izontal la	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 16-12D-37 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43013507850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 1.	HP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Me	eridian: l	J	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	A	LTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	HANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	☐ NEW CONSTRUCTION
·	OPERATOR CHANGE	Пр	LUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR		ENT OR FLARE	☐ WATER DISPOSAL ☐
Report Date: 3/31/2012	WATER SHUTOFF	⊔ s	I TA STATUS EXTENSION	APD EXTENSION
0,01,2012	WILDCAT WELL DETERMINATION	∐ o	THER	OTHER:
	COMPLETED OPERATIONS. Clearly sho		to report.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 13, 2012
NAME (PLEASE PRINT) Brady Riley	PHONE NUM 303 312-8115	MBER	TITLE Permit Analyst	
SIGNATURE	333 312 3110		DATE	
N/A			4/5/2012	

	STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESOU DIVISION OF OIL, GAS, AND M		i	5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDR	RY NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form	posals to drill new wells, significant reenter plugged wells, or to drill hori n for such proposals.	ly deep zontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 16-12D-37 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43013507850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 1	HP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Me	ridian: I	J	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LITER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	P	LUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	□s	II TA STATUS EXTENSION	APD EXTENSION
4/30/2012	WILDCAT WELL DETERMINATION		THER	OTHER:
			····	<u> </u>
	COMPLETED OPERATIONS. Clearly sho	•	•	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 11, 2012
NAME (PLEASE PRINT) Brady Riley	PHONE NUM 303 312-8115	MBER	TITLE Permit Analyst	
SIGNATURE N/A			DATE 5/3/2012	
I IN/ /*\			/.3// /	

	STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESON DIVISION OF OIL, GAS, AND I		i	5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDR	RY NOTICES AND REPORT	rs on	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	posals to drill new wells, significar reenter plugged wells, or to drill ho n for such proposals.	ntly deep rizontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: 16-12D-37 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013507850000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W M	leridian: l	J	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDI	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LITER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		HANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	П	LUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR		ENT OR FLARE	☐ WATER DISPOSAL ☐
Report Date: 5/31/2012	WATER SHUTOFF	∟s	I TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION		OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly sh monthly drilling activity re	-	_	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 01, 2012
NAME (PLEASE PRINT) Megan Finnegan	PHONE NU 303 299-9949	JMBER	TITLE Permit Analyst	
SIGNATURE			DATE	
N/A			6/1/2012	



API/UWI	וט זניט		State/Provin	012 06:00 - 5/15/2	1012 06 Field Name		Well Status	Total Depth (ftKB) Primary Job Type		
3013507	7850000		UT	Duchesne	1	ail Ridge	DRILLING	5,789.0 Drilling & Completion		
ime Log		- · -	1			1				
6:00	Dur (hr) 24.00	End Time	Code 1	RIGUP & TEARDOWN		Move car	mps. Front vard. Crev	Com ws went home @ 18:00.		
	D-37 BT		45/20	12 06:00 - 5/16/2	012.06		, , , , , , , , , , , , , , , , , , ,			
PI/UWI	D-31 DI		State/Provin		Field Name		Well Status	Total Depth (ftKB) Primary Job Type		
13013507	7850000		UT	Duchesne	I	ail Ridge	DRILLING	5,789.0 Drilling & Completion		
Γime Log						•				
Start Time	Dur (hr) 24.00	End Time	Code	RIGUP & TEARDOWN		l av over	derrick, set pits and	Com sub on new location		
	D-37 BT		<u> </u>	12 06:00 - 5/17/2	012.06		derrion, set pits and t	out of the recation.		
API/UWI	D-31 D1		State/Provin		Field Name		Well Status	Total Depth (ftKB) Primary Job Type		
13013507			UT	Duchesne	Black Ta	ail Ridge	DRILLING	5,789.0 Drilling & Completion		
Time Log		F. 17	1 0.1.	0.1				0		
Start Time 06:00	Dur (hr) 17.00	End Time 23:00	Code 1	RIGUP & TEARDOWN		Finish ric	iging up backvard. Tr	Com ucks released @ 13:00, raise derrick @ 16:30. Fill pit		
		20.00					on daywork @2300	uono rorouscu e rorou, rures uonnen e rorous i in più		
23:00	3.00	02:00	14	NIPPLE UP B.O.P		NU cond	uctor pipe and weld in	n 2" collar		
)2:00	4.00	06:00	20	DIRECTIONAL WORK		Rack BH	A & PU directional to	ols		
16-12	D-37 BT	R 5/	17/20	12 06:00 - 5/18/2	012 06	:00				
API/UWI 13013507	7950000		State/Provi		Field Name		Well Status	Total Depth (ftKB) Primary Job Type 5,789.0 Drilling & Completio		
13013507			UT	Duchesne	DIACK 1	ail Ridge	DRILLING	5,789.0 Drilling & Completion		
Start Time	Dur (hr)	End Time	Code	Category				Com		
06:00		09:30	20	DIRECTIONAL WORK			Dir tools and orient s	same.		
9:30		10:00	7	LUBRICATE RIG		Rig Serv				
0:00		06:00	2	DRILL ACTUAL		Drill f/ 80	-1280'			
	D-37 BT			12 06:00 - 5/19/2						
PI/UWI 13013507	7850000		State/ProvinUT	County Duchesne	Field Name	e ail Ridge	Well Status DRILLING	Total Depth (ftKB) Primary Job Type 5,789.0 Drilling & Completion		
Fime Log			<u> </u>	Ducheshe	DidUK T	an islage	DIVILLING	5,709.0 Drining & Completion		
Start Time	Dur (hr)	End Time	+	Category		_		Com		
06:00		07:00	2	DRILL ACTUAL			e Drlg 1280' - 1361'. L			
7:00		12:30	5	COND MUD & CIRC			n sweep, Icm pills. Lo			
12:30		14:30	2	DRILL ACTUAL COND MUD & CIRC			e Drlg 1361' - 1406'. L			
22:00		22:00 01:00	5	DRILL ACTUAL			n sweep. lcm pills. Lo	UST OUU DUIS.		
01:00		03:00	5	COND MUD & CIRC		Steerable Drlg 1406' - 1494'. Pump Icm pill, build volume. Lost 500 bbls.				
03:00			1	DRILL ACTUAL		1	e Drlg 1494' - 1566'.			
				12 06:00 - 5/20/2	012.06		· · · · · · · · · · · · · · · · · ·			
10-121 PI/UWI	D-31 DI		State/Provin		Field Name		Well Status	Total Depth (ftKB) Primary Job Type		
3013507			UT	Duchesne		ail Ridge	DRILLING	5,789.0 Drilling & Completion		
Time Log	Dur (hr)	End Time	Code	Category				Com		
06:00		06:30	2	DRILL ACTUAL		Drill 1566	6' - 1597'. No returns.			
						325 gpm	, 1050 psi, rop 62 fph			
06:30		09:00	5	COND MUD & CIRC			n pill, build volume.			
9:00	1.00	10:00	2	DRILL ACTUAL		1	7' - 1629'. Partial retu	•		
10:00	2 00	13:00	5	COND MUD & CIRC			, 1000 psi, rop 32 fph n pill, build volume.	i.		
13:00		16:30	2	DRILL ACTUAL			n pill, bulla volume. 9' - 1725'. 80 % returr	ns lost 150 bbls		
0.00	5.50	10.30		DIVILL AO I UAL			, 1100 psi, rop 27 fph			
6:30	0.50	17:00	7	LUBRICATE RIG		Rig Serv	ice.			
17:00	13.00	06:00	2	DRILL ACTUAL			5' - 1979'. 80% return	•		
			<u> </u>			<u> </u>	, 1000 psi, rop 20 fph	<u> </u>		
16-12	D-37 BT	R 5/	20/20	12 06:00 - 5/21/2						
API/UWI			State/Provin	nce County	Field Name		Well Status	Total Depth (ftKB) Primary Job Type		



	BIII B	arre	t Coi	poration						
Time Lo	og .									
Start Time	Dur (hr)	End Time	+	Category					Com	
06:00		07:00	5	COND MUD & CIRC		l .	C & C f/bit trip. Pump 100 bbl 35% lcm pill, dry job.			
07:00		14:00	6	TRIPS				•	ed on every stand, good circ after trip.	
14:00		21:00	2	DRILL ACTUAL			Drlg 1979' - 213		ns.	
21:00		03:00	5	COND MUD & CIRC			M pills, build volu			
03:00	1.00	04:00	2	DRILL ACTUAL			' - 2163' w/partial		urns.	
04:00	2.00	06:00	5	COND MUD & CIRC		Pump LC	M pills, build volu	me.		
	2D-37 BT			12 06:00 - 5/22/2						
API/UWI	7850000		State/Provinc JT	e County Duchesne	Field Name	e ail Ridge	Well Status DRILLING		Total Depth (ftKB) Primary Job Type 5,789.0 Drilling & Completion	
Time Lo			J1	Ducheshe	Diack 16	all Riuge	DIVILLING		3,769.0 Drilling & Completion	
Start Time	Dur (hr)	End Time	Code	Category					Com	
06:00		08:30	5	COND MUD & CIRC		Pump LC	M pills, build volu	me.		
08:30		10:00	2	DRILL ACTUAL			•		no returns. Lost 750 bbls.	
10:00		13:00	5	COND MUD & CIRC			M pills, build volu			
13:00		13:30	7	LUBRICATE RIG		Rig Servi	•			
13:30		18:00	2	DRILL ACTUAL		_		nole w/lem_r	no returns. Lost 2250 bbls.	
18:00		18:30	5	COND MUD & CIRC		Build volu		iole w/ioiii, i	io returns. Lost 2230 bbis.	
			_	DRILL ACTUAL						
18:30	9.50	04:00	2	DRILL ACTUAL			out success.	noie w/icm, r	no returns. Lost 2500 bbls. Rop 17 fph. Tried to	
04:00	1.50	05:30	5	COND MUD & CIRC		Build high vis 40% lcm pill, spot on bottom.				
05:30	0.50	06:00	6	TRIPS		тон.				
16-12	D-37 BT	R 5/	22/201	2 06:00 - 5/23/2	012 06	:00				
API/UWI 4301350	7850000		State/Provinc JT	e County Duchesne	Field Name Black Ta	e ail Ridge	Well Status DRILLING		Total Depth (ftKB) Primary Job Type 5,789.0 Drilling & Completion	
Time Lo	g	•		•	•		•		<u> </u>	
Start Time		End Time		Category		TO 1 1 /D	V/O 1 '	-	Com	
06:00	8.50	14:30	6	TRIPS		inspection	reamers, X/O bit w/Patterson safe	t, mm. TIH. F ety personne	Hole would not fill. Utah State OSHA did el.	
14:30	1.50	16:00	5	COND MUD & CIRC		Build volu	ıme, pump 60 bbl	Icm pill dow	n backside, 60 bbl lcm pill down dp.	
16:00	0.50	16:30	7	LUBRICATE RIG		Rig Servi	ce.			
16:30	1.50	18:00	2	DRILL ACTUAL		Drill 2460	' - 2477'.			
18:00	1.00	19:00	5	COND MUD & CIRC		Build volu	ime.			
19:00	11.00	06:00	2	DRILL ACTUAL		Drill/slide 2477' - 2632 w/no returns. Wob 35k, rpm 45/91, spp 700 psi, dp 100 psi, gpm 350, rop 14 fph.				
16-12	D-37 BT	R 5/		⊥ 2 06:00 <i>- 5/24/</i> 2	012 06					
API/UWI			State/Provinc		Field Name		Well Status		Total Depth (ftKB) Primary Job Type	
4301350	7850000	l	JT	Duchesne	Black Ta	ail Ridge	DRILLING		5,789.0 Drilling & Completion	
Time Lo	g									
Start Time	Dur (hr)	End Time	_	Category		D::II/OI:-I-	00001 00051/		Com	
06:00	3.50	09:30	2	DRILL ACTUAL		rop 18 fpl		no returns. w	ob 35k, rpm 50/100, spp 1000 psi, dp 300 psi,	
09:30	3.50	13:00	5	COND MUD & CIRC		Build volu		cm pills dow	n backside(40 bbls) and dp(75 bbls) and displace,	
13:00	0.50	13:30	7	LUBRICATE RIG		Rig Servi				
13:30		21:00	5	COND MUD & CIRC		_		backside(40	bbls) and dp(75 bbls) and displace, 1 per hour.	
						·	•		solo, and aptro obio, and displace, i per flour.	
21:00		21:30	6	TRIPS		Pull 10 st	•			
21:30	4.00	01:30	5	COND MUD & CIRC	_	Pump 55	% lcm pills down	backside(40	bbls) and dp(75 bbls) and displace. Got returns.	
01:30	2.50	04:00	6	TRIPS		Stage bac	ck to bottom, 100°	% returns.		
04:00		06:00	2	DRILL ACTUAL			·		45/117, spp 800 psi, dp 100 psi, rop 16 fph. Well	
							osing 10-20 bbls/		, -11 1-0 -p p 1-9 1-0 1-0	
	2D-37 BT			12 06:00 - 5/25/2						
API/UWI	7950000		State/Provinc		Field Name		Well Status		Total Depth (ftKB) Primary Job Type	
4301330	7850000	Į.	JT	Duchesne	DIACK 18	ail Ridge	DRILLING		5,789.0 Drilling & Completion	

www.peloton.com Page 2/4 Report Printed: 6/1/2012

850000

Su	ndry N	Numbe:	r: 20	5291	API	Well	Numbe	er:	430135078
B	Bill Barrett Corporation								
Time Log	3								
Start Time	Dur (hr)	End Time	Code		Ca	ategory			
06:00	10.00	16:00	2	DRILL /	ACTUAL				de 2727' - 3044'. wo go to full strokes @
16:00	0.50	16:30	7	LUBRIC	CATE RIG	3	F	RIg ser	vice
16:30	11.50	04:00	2	DRILL /	ACTUAL				de 3044-3298'. WOF 152.99 azi, MW 8.
04:00	0.50	04:30	5	COND	MUD & C	CIRC	(Circ btt	ms up, pump pill

Time Lo	9				Timo 25g								
Start Time	Dur (hr)	End Time	Code	Category	Com								
06:00	10.00	16:00	2	DRILL ACTUAL	Drill/Slide 2727' - 3044'. wob 35k, rpm 50/168, spp - 1750 psi, dp 150 psi, rop - 31.7 Able to go to full strokes @ 2730'.								
16:00	0.50	16:30	7	LUBRICATE RIG	RIg service								
16:30	11.50	04:00	2	DRILL ACTUAL	Drill/Slide 3044-3298'. WOP 35k' rpm 45/168 spp 1800, diff spiking. rop 22. Survey 1.51* @ 152.99 azi, MW 8.55#/gal, 39 vis 28% LCM								
04:00	0.50	04:30	5	COND MUD & CIRC	Circ bttms up, pump pill								
04:30	1.50	06:00	6	TRIPS	TOH for bit & motor								
16-12	16-12D-37 BTR 5/25/2012 06:00 - 5/26/2012 06:00												

16-12D-37 BTR	5/25/2012	06:00 - 5/2	26/2012 06:00
A D. (1 D. A (1)	0: : /5 :		[-:

Time Log						
43013507850000	UT	Duchesne	Black Tail Ridge	DRILLING	5,789.0	Drilling & Completion
API/UWI	State/Province	County	Field Name	Well Status		Primary Job Type

Time Lo	Time Log								
Start Time	Dur (hr)	End Time	Code	Category	Com				
06:00	6.00	12:00	6	TRIPS	TOOH,LD Motor & Bit,PU motor & scribe. New bit VAREL HE34JMRSV				
12:00	5.50	17:30	2	DRILL ACTUAL	Drill/slide 3298-3394 96' 5.5 hrs 17.4 avg Survey @ 3394 , 1.81* 188.05 azi M wt 8.65 ppg/38 vis 18% LCM				
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service				
18:00	12.00	06:00	2	DRILL ACTUAL	Drill/slide 3394'-3616' 222', 18.5' avg survey @ 3521' 2.39* 215.69 azi M wt 8.8 ppg/40 vis, 20 % LCM				

16-12D-37 BTR 5/26/2012 06:00 - 5/27/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013507850000	UT	Duchesne	Black Tail Ridge	DRILLING	5,789.0	Drilling & Completion

Time Log	g				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	2	DRILL ACTUAL	drill/Slide 3595-3648
09:00	0.50	09:30	7	LUBRICATE RIG	rig service
09:30	4.00	13:30	2	DRILL ACTUAL	Drill/slide 3648-3722
13:30	5.00	18:30	6	TRIPS	TOOH,RU/LD machine LD BHA
18:30	8.50	03:00	12	RUN CASING & CEMENT	Run 9 5/8 Casing 1 shoe track & 84 jnts J55,36# Fill pipe @1840' and circ 1 hole vol.
03:00	3.00	06:00	5	COND MUD & CIRC	Fill casing,and attempt to circ. no returns. Mix & pump LCM

16-12D-37 BTR 5/27/2012 06:00 - 5/28/2012 06:00

API/UWI	State/Province	County		Well Status	,	Primary Job Type
43013507850000	UT	Duchesne	Black Tail Ridge	DRILLING	5,789.0	Drilling & Completion
Time Log						

	9							
Start Time	Dur (hr)	End Time	Code	Category	Com			
06:00	2.50	08:30	5	COND MUD & CIRC	Fill casing attempt to circ.mix &pump LCM.Full returns			
08:30	5.50	14:00	12	RUN CASING & CEMENT	Rig up Halliburton,Pressure test/5000 psi,pump 20bbl water,40 bbl Super flush,20bbl water,Lead 635 sks. 11ppg,Tail 235 sks 14.8 ppg, drop plug,displace w/ 276 bbl. Fina pumping pressure 380#,Bump plug to 1100 psi, Bleed off and check floats. Top job #* 100sks. 15.8#/G No returns			
14:00	1.50	15:30	13	WAIT ON CEMENT	Wait on cement			
15:30	1.00	16:30	12	RUN CASING & CEMENT	Top job #2 250 sks 15.8#/G No returns			
16:30	1.00	17:30	13	WAIT ON CEMENT	Wait on cement			
17:30	0.50	18:00	7	LUBRICATE RIG	Rig Service			
18:00	2.00	20:00	12	RUN CASING & CEMENT	Top Job #3 350 sks 15.8#/G Cement to surface dropped as soon as shutdown			
20:00	4.00	00:00	13	WAIT ON CEMENT	Wait on cement			
00:00	1.50	01:30	12	RUN CASING & CEMENT	Top job #4 300 sks 15.8#/G Cement to surface No drop			
01:30	2.00	03:30	13	WAIT ON CEMENT	Wait on cement			
03:30	2.50	06:00	14	NIPPLE UP B.O.P	Nipple down conductor/cut off casing/weld on wellhead			

16-12D-37 BTR 5/28/2012 06:00 - 5/29/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013507850000	UT	Duchesne	Black Tail Ridge	DRILLING	5,789.0	

Time Lo	g				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	14	NIPPLE UP B.O.P	Weld on wellhead
07:30	5.00	12:30	14	NIPPLE UP B.O.P	Nipple up

Page 3/4 Report Printed: 6/1/2012 www.peloton.com



Time Lo	g	-	-		
Start Time	Dur (hr)	End Time	Code	Category	Com
12:30	4.00	16:30	15	TEST B.O.P	Test BOP equipment as follows: Blind Rams,Pipe Rams,Choke line,IBOP,Choke Manifold Upper & Lower Kelly Valve and Safety valve to 5000 psi. Hold f/ 10 min. Test Annular to 2500 psi. hold f/ 10 min. Test casing to 1500 psi. hold f/ 30 min.
16:30	1.00	17:30	20	DIRECTIONAL WORK	Pick up Directional tools
17:30	0.50	18:00	7	LUBRICATE RIG	rig service
18:00	4.00	22:00	6	TRIPS	Install wear bushing,make up BHA,orient dirc. tools,install rubber
22:00	1.00	23:00	21	OPEN	clean cement out of flowline
23:00	2.00	01:00	2	DRILL ACTUAL	Drill out cement & float equip. drill 20' new formation
01:00	0.50	01:30	21	OPEN	FIT @3742' Held 390psi for 10.5 ppg EMW
01:30	4.50	06:00	2	DRILL ACTUAL	Drill 3742-3910 4.5 hrs168'avg 37fph MW 8.4 vis 27 survey 3817' 2.54*@ 184.37 azi.

16-12D-37 BTR 5/29/2012 06:00 - 5/30/2012 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013507850000	UT	Duchesne	Black Tail Ridge	DRILLING	5,789.0	Drilling & Completion

Time Lo	g				
Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.50	15:30	2		Drlg 3910-4354'. 435' in 9.5 hrs 45.8fph.Survey @ 4325 1.49* @ 261.34 azi. MW 8.5 Vis 32. Started losing mud @ 4200'. Pump LCM sweeps etc.
15:30	0.50	16:00	7	LUBRICATE RIG	Service rig, Function test BOP.
16:00	14.00	06:00	2		Drlg 4354-4798'. 444' in 14hrs 32 fph. Survey @ 4705 5.39* @ 247.54 azi, MW 8.6#/gal 36 vis 12% LCM in active system. Bypassed shakers @ 4570'. Total losses for day 1000 bbls

www.peloton.com Page 4/4 Report Printed: 6/1/2012

BLM - Vernal Field Office - Notification Form

Subr		Patterson Rig 506
	mitted By <u>Lawrence Lorenzen</u> Ph	
<u>828-</u>	<u>-6095</u>	
Well	Name/Number <u>16-12-37 BTR SWD</u>	
Qtr/	Qtr SE/SE Section 12 Township 3S	Range ←₩ 7W
Leas	se Serial Number <u>FEE</u>	
API	Number 43-013-50785	
<u>Spuc</u>	d Notice – Spud is the initial spudding of	f the well, not drilling
out l	below a casing string.	•
	Date/Time	AM PM
	ng – Please report time casing run start	s, not cementing
time		
×	Surface Casing	RECEIVED
	Intermediate Casing	MAY 2 5 2012
	Production Casing Liner	DIV. OF OIL, GAS & MINING
		UNK OF OIL, CIAS & MINING
	()thar	
	Other	
	2	AM PM 🖂
BOP	Date/Time <u>5/25/11</u> <u>20:00</u>	AM PM 🖂
BOP	Date/Time <u>5/25/11</u> <u>20:00</u> /	
<u>BOP</u> ⊠	Date/Time $5/25/1\frac{3}{4}$ $20:00$ 0 E Initial BOPE test at surface casing poin	t
<u>BOP</u> □	Date/Time <u>5/25/11</u> <u>20:00</u> /	t
<u>BOP</u> □ □	Date/Time <u>5/25/11</u> <u>20:00</u> / <u>2E</u> Initial BOPE test at surface casing poin BOPE test at intermediate casing point	t
BOP	Date/Time <u>5/25/11</u> <u>20:00</u> / <u>2E</u> Initial BOPE test at surface casing poin BOPE test at intermediate casing point 30 day BOPE test Other	t
<u>BOP</u> □	Date/Time <u>5/25/11</u> <u>20:00</u> / <u>2E</u> Initial BOPE test at surface casing poin BOPE test at intermediate casing point 30 day BOPE test Other	t

Remarks <u>Times are estimates only.</u>

BLM - Vernal Field Office - Notification Form

Opera	ator <u>Bill Barrett Corp.</u> F	Rig Name/#	Patte	rson Rig 506
Subm	nitted By <u>Pat Clark</u> F	Phone Numb	per 435	5-828-6095
Well I	Name/Number <u>16-12⁶-37</u> BT	TR SWD	_	
	tr <u>SE/SE</u> Section <u>12</u> Towns		Range	647 7W
	Serial Number FEE			
	lumber 43-013-50785			
Spud	Notice – Spud is the initial	spudding o	f the we	ll, not drilling
	elow a casing string.			_
	Date/Time		AM 🔛	PM
	5 1			
	g – Please report time casii	ng run start	s, not ce	ementing
times				
	Surface Casing			
	Intermediate Casing			
	Production Casing			
=	Liner			
	Other			
	D. I. (T)	22.22		\
ĺ	Date/Time <u>6/09/11</u>	20:00	AM	PM 🔀
BOPE				DEOEWED
		cacina naim	. L	RECEIVED
	Initial BOPE test at surface	.		JUN 1 2 2012
	BOPE test at intermediate of	casing point	•	DIV. OF OIL, GAS & MINING
	30 day BOPE test			
	Other			
	Data/Tima	A B 4	DM [
Į	Date/Time	AM	PM	

Remarks <u>Times are estimates only.</u>

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
SUNDR	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 16-12D-37 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013507850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		HONE NUMBER: 3 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 1	HIP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Meridiar	n: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT		1	APD EXTENSION
Report Date: 6/30/2012	L WATER SHUTOFF	SI TA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
	COMPLETED OPERATIONS. Clearly show all monthly drilling activity repor	-	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 05, 2012
NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst	
SIGNATURE		DATE	
N/A		7/3/2012	



	D-37 BT	'R 6/	/1/2012	2 06:00 - 6/2/201	2 06:00)		
API/UWI 4301350	7850000		State/Provinc UT	e County Duchesne	Field Name Black Ta	ail Ridge	Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion
Time Lo		· · · ·	1	_				
Start Time 06:00		End Time	Code 2	DRILL ACTUAL		Flnish sli	n & cut TIH work tite sp	Com ot @ 3900'. Work thru TIH to 5460
08:00		14:00	3	REAMING			· · · · · · · · · · · · · · · · · · ·	n 5460-5560'. Hole cleaned up. Set kelly back and run
00.00	0.00	14.00		TAE/ WINTO				© 5780 and got stuck. Kelly up and work free. Ream to
14:00	16.00	06:00	2	DRILL ACTUAL		Drill to 6	449'. Survey@6292 8.58	3*@257.48 azi. MW 93/gal, vis 41, lcm 21%
16-12	D-37 BT	R 6/	/2/2012	2 06:00 - 6/3/201	2 06:00	Ó		
API/UWI	7850000		State/Provinc UT	e County Duchesne	Field Name	ail Ridge	Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion
Time Lo			O I	Ducheshe	DIACK 1	all Kluge	COMPLETION	10,570.0 Drilling & Completion
Start Time		End Time	e Code	Category				Com
06:00	10.00	16:00	2	DRILL ACTUAL				Survey at 6799' 5.77* @ 271.85 azi, MW 8.9#/gal 38 visordered will have running 6/3 am
16:00	0.50	16:30	7	LUBRICATE RIG		Rig servi	ce, function test pipe ran	ns.
16:30	13.50	06:00	2	DRILL ACTUAL				38 fph, survey at 7242 2.68* @ 210.83 azi.MW g trouble sliding due to limited pump rate.
	D-37 BT			2 06:00 - 6/4/201				
API/UWI 4301350	7850000		State/Provinc UT	e County Duchesne	Field Name	ail Ridge	Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion
Time Lo		,	01	Duollesile	Diack 1	an riuge	TOOM! LE HOIN	To,570.0 Dilling & Completion
Start Time		End Time	Code	Category				Com
06:00	10.00	16:00	2	DRILL ACTUAL				Not sliding well. #2 pump up and running @ 1300hrs. Survey @ 7432 1.7* @ 196.58, MW 9.3#/gal 41 vis
16:00	0.50	16:30	7	LUBRICATE RIG		Rig Servi	ce, Function BOP	
16:30	2.50	19:00	2			Drlg 7493 25% lcm.	3-7557'. 64' in 2.5 hrs. S Still wont slide without s	urvey 7496' 1.1* @ 188.53 azi. MW 9.25 #/gal 44 vis stalling motor.
19:00	1.00	20:00	5	COND MUD & CIRC		Mix and p	oump pill	
20:00	4.00	00:00	6	TRIPS		TOH, trip	was smooth did not see	e tight spots from previous trip. L/D motor and bit.
00:00	6.00	06:00	6	TRIPS		Function	test blind rams. Pickup f	resh bit & motor, orient dir tools. TIH
16-12	D-37 BT	R 6/	/4/2012	2 06:00 - 6/5/201	2 06:00)		
API/UWI			State/Provinc	1 '	Field Name		Well Status	Total Depth (ftKB) Primary Job Type
4301350 Time Lo	7850000		UT	Duchesne	Black Ta	all Ridge	COMPLETION	10,570.0 Drilling & Completion
Start Time		End Time	Code	Category				Com
06:00		07:00	6	TRIPS		Finish tih		
07:00	6.00	13:00	2	DRILL ACTUAL		Steerable rop 37 fp		b 20k, rpm 50/79, spp 1650 psi, dp 100 psi, 525 gpm,
13:00	0.50	13:30	7	LUBRICATE RIG		Rig Servi	ce. Function pipe rams.	
13:30	16.50	06:00	2	DRILL ACTUAL		Steerable rop 28 fp		ob 20k, rpm 50/69, spp 1450 psi, dp 70 psi, 450 gpm,
	D-37 BT	R 6/	/5/2012	2 06:00 - 6/6/201				
	7850000		State/Provinc UT	e County Duchesne	Field Name Black Ta		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion
Time Lo								
Start Time 06:00	Dur (hr) 9.00	End Time 15:00	Code 2	DRILL ACTUAL		Steerable 430, rop		20-25k, rpm 48/69, spp 1500 psi, dp 100 psi, gpm
15:00	0.50	15:30	7	LUBRICATE RIG		Rig Servi	•	
15:30		06:00	2	DRILL ACTUAL			e Drlg 8444' - 8873'. Wol	b 20-25k, rpm 48/69, spp 1600 psi, dp 100 psi, gpm
16-12	D-37 BT	R 6/	/6/2012	2 06:00 - 6/7/201	2 06:00			
API/UWI	7850000		State/Provinc UT	e County Duchesne	Field Name	e ail Ridge	Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion



ime Lo		End Time	C	0-1				C		
6:00	Dur (hr)	End Time 16:30	Code 2	DRILL ACTUAL		Drla 9972	" 0260' Wah 22k rpp	Com	dp 100 psi, 430 gpm, rop 38 fph	
3.00	10.50	10.50	-	DIVILL ACTUAL		Ding 667 S	- 9209 . WOD 25K, IPII	1 30/03, spp 1300 psi, c	ip 100 psi, 430 gpiii, 10p 30 ipii	
5:30	0.50	17:00	7	LUBRICATE RIG		Rig Servi	ce. Bop Drill. Flow ched	k, function annular.		
7:00	13.00	06:00	2	DRILL ACTUAL		Drlg 9269	' - 9692'. Wob 23k, rpn	n 50/65, spp 1500 psi, c	dp 100 psi, 430 gpm, rop 33 fph	
	D-37 BT			2 06:00 - 6/8/201						
PI/UWI 301350	7850000		State/Provin JT	County Duchesne	Field Nam Black T	e ail Ridge	Well Status COMPLETION	Total Depth (ftKB)	Primary Job Type 0,570.0 Drilling & Completion	
me Lo			-	2 4 6 1 6 6 1 6	Z.a.o.				, c. c.c 2g a cop.cc	
tart Time	Dur (hr)	End Time	Code	Category				Com		
6:00	7.00	13:00	2	DRILL ACTUAL		Drlg 9692	' - 9968'. Wob 25k, rpn	n 50/57, spp 1550 psi, c	dp 200 psi, gpm 385, rop 39 fph	
3:00	0.50	13:30	7	LUBRICATE RIG		Rig Servi	ce. BOP drill, function p	ine rams		
3:30		04:30	2	DRILL ACTUAL			· ·	•	dp 200 psi, gpm 390, rop 40	
0.00	10.00	01.00	_	DIGIEL HOTORIE			rell @ 10570'.	00/07, opp 1000 poi,	ap 200 poi, gpiii 000, 10p 10	
4:30	1.50	06:00	5	COND MUD & CIRC		Pump hig	h vis, 35 % lcm sweep,	Circulate out f/short trip	ρ.	
6-12	D-37 BT	R 6/	8/201	2 06:00 - 6/9/201	2 06:0	0				
PI/UWI	7050000		State/Provin	1 '	Field Nam		Well Status	Total Depth (ftKB)	Primary Job Type	
301350 ime Lo	7850000	ļ	JT	Duchesne	васк 1	ail Ridge	COMPLETION	10	0,570.0 Drilling & Completion	
tart Time	Dur (hr)	End Time	Code	Category				Com		
6:00		06:30	5	COND MUD & CIRC		C & C f/sl	nort trip. Displace dp w/			
6:30		10:00	6	TRIPS			<u> </u>			
				_		Short trip 33 stds to 7500'. Hole in good shape.				
0:00		13:00	5	COND MUD & CIRC		C & C f/logs. Displace dp w/clean mud, pump pill.				
3:00		20:00	6	TRIPS		_	s. L/D dir tools, mm, bit.			
0:00	8.00	04:00	11	WIRELINE LOGS	DGS Log hole. Ran Quad combo, caliper td up to surf csg, Gamma, sonic array, dual lateralog, den & neu porosity 200' - TD. Logger's TD - 10,490'. R/D loggers.					
4:00	2.00	06:00	6	TRIPS		P/u tricon	e and bit sub, tih.			
6-12	D-37 BT	R 6/	9/201	2 06:00 - 6/10/20	012 06:	00				
PI/UWI			State/Provin	1 '	Field Nam		Well Status	Total Depth (ftKB)	Primary Job Type	
	7850000	Į	JT	Duchesne	Black T	ail Ridge	COMPLETION	10	0,570.0 Drilling & Completion	
ime Lo		I = . =:	I	1						
tart Time 6:00	Dur (hr)	End Time 10:00	Code 6	TRIPS		Einich tih	hala in good shapa	Com		
							hole in good shape.			
0:00	2.50	12:30	5	COND MUD & CIRC			LDDP. Pump pill. up Frank's to Iddp.			
2:30	10.50	23:00	6	TRIPS		LDDP. Br	eak kelly. L/D BHA. Pu	ll wear bushing.		
3:00	7.50	06:30	12	RUN CASING & CEMEN	IT	HSM. R/u	casers. Run 5 1/2" FS	, 2 jts 5 1/2" csg, FC, 1	jt csg, test float equip. Run csg	
			10/00	10.00.00						
	D-37 BT			12 06:00 - 6/11/2			True man	TT		
PI/UWI 301350	7850000		State/Provin JT	County Duchesne	Field Nam Black T	e ail Ridge	Well Status COMPLETION	Total Depth (ftKB)	Primary Job Type 0,570.0 Drilling & Completion	
ime Lo									<u> </u>	
tart Time	Dur (hr)	End Time	Code	Category				Com		
6:00	5.00	11:00	12	RUN CASING & CEMEN	IT	Run 5 1/2	", 17 #, P-110, LT&C C	sg as follows: float sho	e, 2 jts csg, float collar, 16 jts	
						P/U jt # 2			@ 7456', 177 jts csg(250 total). land csg @ 10565'. Ran 67	
1.00	F 00	10.00		COND MUD & CIRC				urton to onet ook		
1:00		16:00	5		-		ment. HSM. R/U Hallibu		40111	
6:00	4.00	20:00	12	RUN CASING & CEMEN	II	101, pum bbls(850 243 bbls returns th	p 5 bbl water spacer, P sx) 11# tuned light mid water with Cla-web and rough 220 bbls, then lo	ump 62 bbls (150 sks)1 Pump 164 bbls (650 s aldacide g. Full returns st returns. No cement t	pacer, pump 40 bbls superflush 11# tuned light lead cmt, 352 sks) 13.5 # tail cmt. Displace wis through 160 bbls, then 1/2 so surface. Final lift pressure ack 2.5 bbls. HSM RD HES.	
	4.00	00:00	21	SET SLIPS AND CLEAN	PITS	NDBOP.	Lift up bop and Camero	on set slips w/ 165 k(25	k over string wt.). Made rought	



	7850000		state/Province JT	e County Duchesne	Field Name Black Ta		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
ime Lo			71	Ducheshe	DIACK 1	ili Kluge	COMPLETION	10,570.0 Dinning & Completion		
tart Time		End Time	Code	Category				Com		
6:00	2.50	08:30	LOCL	Lock Wellhead & Secure			ured With 11" Night Cap			
8:30	3.00	11:30	IWHD	Install Wellhead		Safety Meeting With Cameron, Check Surface Casing & 5.5" For Pressure, 0 Psi On Both Sides.N/D 11" Night Cap, Cleaned And Dressed Up 5.5" Csg Top, Set And N/U 11" x 7 1/16" 5k Tbg. Head With 2 1/16' x 5k Gate Valves. Tested Hanger Seals To 5000 Psi, Good Test. Secured Well Head With 7" 5K Night Cap.				
1:30	18.50	06:00	LOCL	Lock Wellhead & Secure		WSI Shu	t In And Secured. Const	ruction Crew Prepping For Facilities.		
6-12	D-37 BT	'R 6/	14/201	2 06:00 - 6/15/2	012 06	:00				
PI/UWI	7850000		state/Province	e County Duchesne	Field Name		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
ime Lo			71	Ducheshe	Diack 18	iii ixiage	COMI LE HON	10,370.0 Diffilling & Completion		
tart Time	Dur (hr)	End Time	Code	Category				Com		
	D-37 BT			2 06:00 - 6/16/2	012 06	:00				
PI/UWI	7850000		state/Province	e County Duchesne	Field Name Black Ta		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
ime Lo			1	Ducheshe	Diack 1	ili Kluge	COMPLETION	10,370.0 Diffilling & Completion		
tart Time	Dur (hr)	End Time		Category				Com		
6:00		08:00	CTRL	Crew Travel			v travel to location from	Vernal yard.		
8:00		09:00	SRIG	Rig Up/Down		MIRU SLB wireline,				
9:00	1.25	10:15	WLWK	Wireline		MIRU SLB wireline, P/up CCL, Junk Basket & 4.65 Gauge Ring. RIH and tag PBTD @ 10,424, Pooh with CCL/Junk Basket. G/R.				
0:15	3.50	13:45	LOGG	Logging	P/up CBL/CCL/GR Logging tools. RIH to PBTD, ran correlation strip from 10,424' to 10,224' Completed Repeat pass. Verified tie in. Drop down and Applied 1000 psi to casing, started logging main pass from 10,424' to Surface, Top of cement @ 3620', Quality of cement is good from 10,424' to 3600'. Located maker Jts @ 7402' to7422', 8970' to 8998', 9750' to 9772',					
3:45	1.00	14:45	GOP	General Operations	L/D Logging tool, secured well head, RDMO SLB. Construction crews continue to worl					
					on production battery. Well head and location secured for the night.					
4:45		06:00	LOCL	Lock Wellhead & Secure			and location secured t	or the night.		
	D-37 BT			2 06:00 - 6/17/2						
.PI/UWI .301350	7850000		state/Province JT	e County Duchesne	Field Name Black Ta	-	Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
ime Lo			<u> </u>	Ducheshie	Diack 18	iii rtiage	COMI EL HOIV	10,570.0 Dinning & Completion		
tart Time	Dur (hr)	End Time	1	Category				Com		
	24.00	06:00	LOCL	Lock Wellhead & Secure		Frac tree shut in secured. Construction Crews Con't to work on production facili Started hauling in BBC frac tanks from the 13H-21 to the 14-7-36 staging area.				
6:00	D 27 DT			2 06:00 - 6/18/2						
16-12	D-31 DI	IS	state/Province JT	e County Duchesne	Field Name Black Ta		Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
16-12 PI/UWI 301350	7850000									
1 6-12 PI/UWI 301350	7850000 Pg	ι	Carl	0-1				Com		
16-12 PI/UWI 301350	7850000		Code	Category				Com		
16-12 PI/UWI 301350 Time Lo	07850000 Pg Dur (hr)	End Time			012 NE	-00		Com		
16-12 PI/UWI 301350 Time Lo Start Time	7850000 Pg	End Time		2 06:00 - 6/21/2	012 06		TWell Status			
16-12 PI/UWI 301350 Time Lotart Time	07850000 Pg Dur (hr)	End Time		2 06:00 - 6/21/2)	Well Status COMPLETION	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
16-12 PI/UWI 301350 Time Lo Start Time 16-12 PI/UWI 301350 Time Lo	07850000 9	End Time	20/201 State/Province	2 06:00 - 6/21/2 County Duchesne	Field Name)		Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion		
16-12 PI/UWI 301350 ime Lo tart Time 16-12 PI/UWI 301350 ime Lo tart Time	07850000 Pg Dur (hr) 2D-37 BT 07850000 Pg Dur (hr)	End Time	20/201 State/Province JT	2 06:00 - 6/21/2 County Duchesne Category	Field Name	ail Ridge	COMPLETION	Total Depth (ftKB) Primary Job Type		
16-12 PI/UWI 301350 Time Lo start Time 16-12 PI/UWI 301350 Time Lo start Time	07850000 Pg Dur (hr) 2D-37 BT 07850000 Pg Dur (hr)	End Time	20/201 State/Province	2 06:00 - 6/21/2 County Duchesne	Field Name	nil Ridge Finish Sp Finish Fil Finish Se		Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion Com		
16-12 API/UWI 4301350 Fime Lo Start Time 16-12 API/UWI 4301350 Fime Lo Start Time	07850000 Pg Dur (hr) 2D-37 BT 07850000 Pg Dur (hr)	End Time	20/201 ttate/Province JT Code GOP	2 06:00 - 6/21/2 County Duchesne Category	Field Name Black Ta	Finish Sp Finish Fil Finish Se Finish Se Production	otting Frac Line ling 3% KCL tting Staging Area	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion Com		
API/UWI 4301350 Fime Lo Start Time 16-12 API/UWI 4301350 Fime Lo Start Time Lo 6:00	07850000 Pg Dur (hr) 2D-37 BT 07850000 Pg Dur (hr) 24.00	End Time R 6/. S U End Time C C C C C C C C C C C C C C C C C C C	20/201 ttate/Province JT Code GOP	2 06:00 - 6/21/2 County Duchesne Category General Operations	Field Name Black Ta	Finish Sp Finish Fil Finish Se Froduction	otting Frac Line ling 3% KCL tting Staging Area	Total Depth (ftKB) Primary Job Type 10,570.0 Drilling & Completion Com		

				•						
Time Lo	g									
Start Time	Dur (hr)	End Time	Code	Category				Com		
06:00	24.00	06:00	GOP	General Operations		Fill Staging Area. Fill 50% Of Prod. Wtr. Production Crew Con't On Facilities.				
16-12	D-37 BT	R 6/2	22/20 ⁻	12 06:00 - 6/23/2	2012 06:0	00				
API/UWI		-	state/Province		Field Name		Well Status	Total Depth (ftKB)		Primary Job Type
4301350	7850000	L	JT	Duchesne	Black Tail	Ridge	COMPLETION	10),570.0	Drilling & Completion
Time Lo	g	•		<u> </u>						
Start Time	Dur (hr)	End Time	Code	Category				Com		
06:00	24.00	06:00	GOP	General Operations Finish Filling Frac Line With Produced Water. Finish Filling Staging Area. Production Crew Working On Facilities.					iging Area.	
16-12	D-37 BT	R 6/2	23/20 ⁻	12 06:00 - 6/24/2	2012 06:0	00				
API/UWI	UWI State/Province County Field Name			Field Name		Well Status	Total Depth (ftKB)		Primary Job Type	
4301350	7850000	L	JT	Duchesne	Black Tail	Ridge	COMPLETION	10),570.0	Drilling & Completion
Γime Lo	g	-								
Start Time	Dur (hr)	End Time	Code	Category				Com		
06:00	24.00	06:00	GOP	General Operations	S	Set Frac Set Open	Mandrel And Test. Tree, Test With Casing. n Tops. on Crew Work On Facilit			
16-12	D-37 B1	R 6/2	25/20°	12 06:00 - 6/26/2	2012 06:0	00				
API/UWI			state/Province	ce County	Field Name		Well Status	Total Depth (ftKB)		Primary Job Type
	705000	l l	JT	Duchesne	Black Tail	Ridge	COMPLETION	10),570.0	Drilling & Completion
	7850000	-								
4301350				•						
4301350 Time Lo Start Time		End Time	Code	Category				Com		

www.peloton.com Page 4/4 Report Printed: 7/3/2012

	STATE OF UTAH			FORM 9				
ı	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING							
SUNDR	RY NOTICES AND REPORTS	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.			7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: 16-12D-37 BTR				
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43013507850000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL				COUNTY: DUCHESNE				
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Me	ridian:	U	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION			TYPE OF ACTION					
	ACIDIZE		ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME				
Approximate date work will start.	CHANGE WELL STATUS	ALTER CASING CHANGE TUBING COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT PLUG AND ABANDON	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT	☐ NEW CONSTRUCTION				
7/18/2012	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	✓ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR		/ENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION				
Report Bate.								
	WILDCAT WELL DETERMINATION		DIHER	OTHER:				
	completed operations. Clearly shown inst gas sales on 7/7/2012 7/18/2012.			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 19, 2012				
NAME (PLEASE PRINT)	PHONE NUM	/BER	TITLE					
Venessa Langmacher	303 312-8172		Senior Permit Analyst					
SIGNATURE N/A			DATE 7/19/2012					

	STATE OF UTAH		FORM 9
1	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608
SUNDR	Y NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: 16-12D-37 BTR
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43013507850000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		HONE NUMBER: 3 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 1:	IIP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Meridiar	ı: U	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	T, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
_	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
,	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
7/31/2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:
July 2012	COMPLETED OPERATIONS. Clearly show all monthly drilling activity report	TITLE	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 08, 2012
Megan Finnegan	303 299-9949	Permit Analyst	
SIGNATURE N/A		DATE 8/2/2012	



API/UWI	7050000		tate/Provinc	I '	Field Name		Well Status	Total D	Pepth (ftKB)	Primary Job Type
	7850000	L	JT	Duchesne	Black Ta	ail Ridge	PRODUCING		10,570.0	Drilling & Completion
Time Lo		I Fad Time	Cada	Category						
Start Time 06:00	Dur (hr)	End Time 06:30	LOCL	Lock Wellhead & Secure		WSI And	Secured. 0 Psi. On W		om	
06:30		07:30	SRIG	Rig Up/Down		SLB Wire	Line Arrive On Location		y Meeting. Rig Up	Equipment. Pick Up
07:30	0.50	08:00	PTST	Pressure Test			r, Rig Up To Well. icator To 4500#. Arm	Gun.		
08:00		09:30	PFRT	Perforating					Configured At 120	Degree Phasing, 3 Spf,
				Ů		.36" Pene Density/D Found Ar Perforate Gun, Veri	etration Charges, 16 Goual Spaced Neutron I dual Correlated To Mark Stage 1 CR-4A/CR-4 fy All Shots Fired, WS	ims., .44 Dia. Dated 06/08/2 er Joint At 9,7 Zone, 10,125 I And Secure	Holes .Correlating 012 And SLB CBI 50 - 9,772'. Drop - 10,350'. 45 Hol d.	g To HES Spectral L/CCL Dated 06/14/2008 Down To Depth,
09:30	3.00	12:30	SRIG	Rig Up/Down		HES On I	ocation At 10:00 Hrs.	Rig Up Equip	ment	
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure		WSI And	Secured. SDFD.			
16-12	D-37 BT	R 7/2	2/2012	2 06:00 - 7/3/201	2 06:00)				
API/UWI	7850000	S	tate/Provinc		Field Name Black Ta	9	Well Status PRODUCING	Total D	Pepth (ftKB) 10,570.0	Primary Job Type Drilling & Completion
Time Lo	g						•		<u> </u>	, ,
Start Time	Dur (hr)	End Time	Code	Category					om	
06:00	0.75	06:45	LOCL	Lock Wellhead & Secure			w On Location At 0600 Psi., Ran QC On Fluid			id Pumps, Pressure Test
06:45	0.25	07:00	SMTG	Safety Meeting			eeting. Talk About Smication, And Red Zone		PE, Escape And I	Mustering Areas,
07:00		08:35	FRAC	Frac. Job		Open We BrokeDov Pump 399 ShutDown Get Stabi Holes Op Pump FR 3.5#, And Isdp, 329 Total 100 Total 20/ Total 3% Bbls BWTR: 3 Max Rate Avg. Rate Avg. Pres	en. Pad With 3% KCL, S 14# 20/40 CRC Stage 0 Psi., .76 FG. Mesh - 19,400# 40 CRC: 156,400# KCL: 80,274 Gals 1 860 Bbls. 171.0 Bpm 170.4 Bpm 180.558 Psi. 180.558 Psi. 180.558 Psi. 180.758 Psi.	0.0 Bpm. th 90 Bio Balls s Fall, 0 Psi. And 72. tart XLink, Sta s.	4 Bpm. Get Isip, 3 age Into 1# 100 M stal Produced Wat	3040 Psi., .74 FG., 40/45 esh, Then Into 1#, 2#, 3# ter: 72,161 Gals 1,718
08:35		09:10	CTUW	W/L Operation		Well Turr To Well F		Pick Up Gun	String And CBP I	Plug Assembly. Equalize
09:10	1.33	10:30	PFRT	Perforating		.36" Pene Density/D Found Ar CBP At 1	etration Charges, 16 G dual Spaced Neutron I ad Correlated To Mark 0,114'. 2,700 Psi. On 15 Holes. 2,550 Psi. O	ims., .44 Dia. Dated 06/08/20 er Joint At 9,7 Well. Perforat	Holes .Correlating 012 And SLB CBI '50 - 9,772'. Drop e Stage 2 CR-4/C	CCL Dated 06/14/2008 Down To Depth, SET
		1	1	1		I				

www.peloton.com Page 1/6 Report Printed: 8/2/2012



Time Log	Dur (hr)	End Time	Code	Category	Com
10:40	1.58	12:15	FRAC	Frac. Job	Frac Stage 2. Fluid System: Hybor G 21 Open Well, 2625# Icp. BrokeDown At 2814 Psi. And 10.0 Bpm. Pump 3900 Gals. 15% Acid With 90 Bio Balls, Flush To 10 Bbls. Over Bottom Perf., ShutDown For 15 Min., Let Balls Fall, Get Stabilized Inj. Rate At 4861 Psi. And 71.0 Bpm. Get Isip, 2865 Psi., .73 FG., 36/45 Holes Open. Pump FR Pad With 3% KCL, Start XLink, Stage Into 1# 100 Mesh, Then Into 1#, 2#, 3#, 3.5#, And 4# 20/40 CRC Stages. Isdp, 3120 Psi., .75 FG. Total 100 Mesh - 20,500# Total 20/40 CRC: 167,200# Total 3% KCL: 84,901 Gals 2,021 Bbls Total Produced Water: 76,049 Gals 1,811 Bbls BWTR: 4055 Bbls. Max Rate: 71.1 Bpm Avg. Rate: 70.6 Bpm Max. Pressure: 4,820 Psi. Avg. Pressure: 4,531 Psi.
12:15	0.17	12:25	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
12:25	1.41	13:50	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/08/2012 And SLB CBL/CCL Dated 06/14/2008. Found And Correlated To Marker Joint At 8,970 - 8,998'. Drop Down To Depth, SET CBP At 9,870'. 2,650 Psi Perforate Stage 3 CR-3/CR-2 Zone, 9,471 - 9,800'. 45 Holes. 2,550 Psi POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
13:50	0.17	14:00	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
14:00		15:25	FRAC	Frac. Job	Frac Stage 3. Fluid System: Hybor G 18 Open Well, 2725# Icp. BrokeDown At 3552 Psi. And 10.1 Bpm. Pump 3900 Gals. 15% Acid With 90 Bio Balls, Flush To 10 Bbls. Over Bottom Perf., ShutDown For 15 Min., Let Balls Fall, Get Stabilized Inj. Rate At 4628 Psi. And 71.1 Bpm. Get Isip, 2800 Psi., .73 FG., 37/45 Holes Open. Pump FR Pad With 3% KCL, Start XLink, Stage Into 1# 100 Mesh, Then Into 1#, 2#, 3#, 3.5#, And 4# 20/40 CRC Stages. Isdp, 3042 Psi., .76 FG. Total 100 Mesh - 18,200# Total 20/40 CRC: 146,400# Total 3% KCL: 75,939 Gals 1,808 Bbls Total Produced Water: 67,461 Gals 1,606 Bbls BWTR: 3635 Bbls. BWTR: 3635 Bbls. Max Rate: 71.3 Bpm Avg. Rate: 70.5 Bpm Max. Pressure: 4,681 Psi. Avg. Pressure: 4,389 Psi.
15:25	0.33	15:45	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CBP Plug Assembly. Equalize To Well Pressure.
15:45	1.33	17:05	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/08/2012 And SLB CBL/CCL Dated 06/14/2008. Found And Correlated To Marker Joint At 8,970 - 8,998'. Drop Down To Depth, SET CBP At 9,462'. 2,650 Psi. Perforate Stage 4 CR-2/Wasatch Zone, 9,182 - 9,448'. 39 Holes. 2,550 Psi. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
		17:10	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

www.peloton.com Page 2/6 Report Printed: 8/2/2012

B	Bill	Barrett	Corporation
---	------	---------	-------------

Time Log							
Start Time	Dur (hr)	End Time		Category	F 01		om
17:10	1.42	18:35	FRAC	Frac. Job	Open We BrokeDov Pump 39 ShutDow Get Stabi Holes Op Pump FR 3.5#, And Isdp, 293 Total 100 Total 20/4 Total 3% Bbls BWTR: 3 Max Rate Avg. Rate Max. Pre	n For 15 Min., Let Balls Fall, lized Inj. Rate At 4930 Psi. And 71.3 en. Pad With 3% KCL, Start XLink, Sta 4# 20/40 CRC Stages. 6 Psi., .76 FG. Mesh - 19,300# 10 CRC: 156,800# KCL: 80,161 Gals 1,909 Bbls To	s, Flush To 10 Bbls. Over Bottom Perf., 3 Bpm. Get Isip, 2797 Psi., .74 FG., 33/39 age Into 1# 100 Mesh, Then Into 1#, 2#, 3#, stal Produced Water: 69,967 Gals 1,666
18:35	0.25	18:50	CTUW	W/L Operation	Well Turr To Well F		String And CBP Plug Assembly. Equalize
18:50	1.33	20:10	PFRT	Perforating	.36" Pene Density/D Found Ar CBP At 9	etration Charges, 16 Gms., .44 Dia. l ual Spaced Neutron Dated 06/08/20 d Correlated To Marker Joint At 8,9	configured At 120 Degree Phasing, 3 Spf, Holes .Correlating To HES Spectral 012 And SLB CBL/CCL Dated 06/14/2008. 170 - 8,998'. Drop Down To Depth, SET CR-1 Zone, 8,897 - 9,156'. 39 Holes. 2,500 ired, WSI And Secured.
20:10	0.83	21:00	GOP	General Operations	ShutDow	n And Secure Equipment.	
21:00	9.00	06:00	LOCL	Lock Wellhead & Secure	WSI And	Secured. SDFD.	
16-12	∩-37 RT	R 7/	3/2011	2 06:00 - 7/4/2012	2 06:00		
API/UWI	9 07 151		State/Province		Field Name	Well Status Total D	Pepth (ftKB) Primary Job Type
43013507		l	UT	Duchesne	Black Tail Ridge	PRODUCING	10,570.0 Drilling & Completion
Time Log		I = . =:	1	· .			
Start Time 06:00	Dur (hr) 0.08	End Time 06:04	GOP	General Operations			Chemical And Fluid Pumps, Pressure Test .
06:04	0.17	06:15	SMTG	Safety Meeting	Commun	eeting. Talk About Smoking Area, Pl cation, And Red Zone.	PE, Escape And Mustering Areas,
06:15		07:50	FRAC	Frac. Job	Open We BrokeDov Pump 39 ShutDow Get Stabi Holes Op Pump FR 3.5#, And Isdp, 269 Total 100 Total 20/4 Total 3% Bbls BWTR: 3 Max Rate Avg. Rate Avg. Pres	n For 15 Min., Let Balls Fall, lized Inj. Rate At 4460 Psi. And 69.5 en. Pad With 3% KCL, Start XLink, Sta 4# 20/40 CRC Stages. 1 Psi., .74 FG. Mesh - 19,200# 40 CRC: 156,600# KCL: 79,772 Gals 1,899 Bbls To 780 Bbls. 172.0 Bpm 172.0 Bpm 173.0 Start 4,689 Psi. 173.0 Surre: 4,192 Psi.	s, Flush To 10 Bbls. Over Bottom Perf., 5 Bpm. Get Isip, 2450 Psi., .71 FG., 33/39 age Into 1# 100 Mesh, Then Into 1#, 2#, 3#, stal Produced Water: 69,394 Gals 1,652
07:50		08:00	CTUW	W/L Operation	To Well F	ressure.	String And CBP Plug Assembly. Equalize
08:00	1.25	09:15	PFRT	Perforating	.36" Pene Density/D Found Ar CBP At 8 Zone, 8,6	tration Charges, 16 Gms., .44 Dia. l ual Spaced Neutron Dated 06/08/20 d Correlated To Marker Joint At 7,4 ,866'. 1,950 Psi. On Well. Perforate	configured At 120 Degree Phasing, 3 Spf, Holes .Correlating To HES Spectral 012 And SLB CBL/CCL Dated 06/14/2008. .02 - 7,422'. Drop Down To Depth, SET Stage 6 CR-1/UteLand Butte/Castle Peak of Well. POOH. LayDown Gun, Verify All
09:15	0.17	09:25	GOP	General Operations	Well Turr	ed Over To HES. Pressure Test To	8500#. Equalize, Open To Well.
		•		•	l		

www.peloton.com Page 3/6 Report Printed: 8/2/2012

B	Bill	Barrett	Corporation

Time Lo										
	Dur (hr)	End Time		Category	_	*** Ot-	o C Fluid Contain U.S. C	Com		
Start Time 09:25	Dur (hr)	End Time 10:55	FRAC	Frac. Job	C B P S G H P P 3 3 Is T T T B B M A M	open Webroke Down Webroke Stabiloles Oplump F8.5#, And Stabiloles Oplump F8.50 (Stabiloles Oplump F8.50) (Stabiloles Oplum	n For 15 Min., Let Balls Fall lized Inj. Rate At 4026 Psi. en. Pad With 3% KCL, Start X I 4# 20/40 CRC Stages. 9 Psi., .79 FG. Mesh - 20,300# 40 CRC: 142,100#	16 om. Bio Balls, Flush To 10 Bbls. Over Bottom Perf.,		
10:55	0.25	11:10	CTUW	W/L Operation				Up Gun String And CBP Plug Assembly. Equalize		
11:10	1.25	12:25	PFRT	Perforating	R .3 D F C	To Well Pressure. RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes .Correlating To HES Spectral Density/Dual Spaced Neutron Dated 06/08/2012 And SLB CBL/CCL Dated 06/14/2008. Found And Correlated To Marker Joint At 7,402 - 7,422'. Drop Down To Depth, SET CBP At 8,546'. 2,250 Psi. On Well. Perforate Stage 7 Castle Peak/Black Shale Zone, 8,299 - 8,526'. 42 Holes. 650 Psi. On Well. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.				
12:25	0.16	12:35	GOP	General Operations	V	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.				
12:35		14:10	FRAC	Frac. Job	P S G H P P S Is T T T B B B M A A M A	open Webroke Down Webroke Stabiloles Ophomore Russel Stabiloles Russel Stabiloles Russel R	n For 15 Min., Let Balls Fall lized Inj. Rate At 3823 Psi. en. Pad With 3% KCL, Start X I 4# 20/40 CRC Stages. 5 Psi., .73 FG. Mesh - 21,280# 40 CRC: 189,980# KCL: 92,734 Gals 2,208 I 173 Bbls. 173 Bbls. 170 Bpm 170 Bpm 170 Bpm 171 Bpm 171 Bpm 172 Start X I Bpm 173 Bpm 173 Bpm 173 Bpm 174 Bpm 175 Start X I Bpm 176 Start X I Bpm 177 Bpm 178 Start X I Bpm 179 Start X I Bpm 170 Start X I	m. Bio Balls, Flush To 10 Bbls. Over Bottom Perf., And 71.3 Bpm. Get Isip, 1960 Psi., .67 FG., 35/42 Link, Stage Into 1# 100 Mesh, Then Into 1#, 2#, 3#, Bbls Total Produced Water: 71,425 Gals 1,701		
14:10	0.33	14:30	CTUW	W/L Operation		Vell Turn ressure.		Up CBP Plug Assembly. Equalize To Well		
14:30	2.00	16:30	PFRT	Perforating		36" Pene ensity/D IH With	etration Charges, 16 Gms., Jual Spaced Neutron Dated Plug, Noticed Stranded Arr	f. Gun Configured At 120 Degree Phasing, 3 Spf, .44 Dia. Holes .Correlating To HES Spectral .06/08/2012 And SLB CBL/CCL Dated 06/14/2008. nor At 3800', Pulled Up Hole Set CBP At 3,510'. .n Tools, Verify All Shots Fired, WSI And Secured.		
16:30	1.50	18:00	SRIG	Rig Up/Down			SLB RigDown Equipment A	And Move Off Location.		
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	W	VSI And	Secured. SDFD.			
16-12	D-37 BT	R 7/	5/2012	2 06:00 - 7/6/201	2 06:00					
API/UWI		S	State/Province	e County	Field Name		Well Status	Total Depth (ftKB) Primary Job Type		
	7850000	l	JT	Duchesne	Black Tail	Ridge	PRODUCING	10,570.0 Drilling & Completion		
Time Lo Start Time	Dur (hr)	End Time	Code	Category				Com		
06:00		07:00	LOCL	Lock Wellhead & Secure	W	VSI.		Colli		
07:00		07:30	SMTG	Safety Meeting			ty Meeting.			
07:30		08:30	SRIG	Rig Up/Down		IIRU w/c	, ,			
			1	1 - 1	L		-			

www.peloton.com Page 4/6 Report Printed: 8/2/2012

B	Bill	Barrett	Corporation
---	------	---------	-------------

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	1.00	09:30	BOPI	Install BOP's	Bled off Pressure from Csg. ND Frac tree & Frac Sleeve. NU 7 1/16" 2' 5K Spool. NU 7 1/16" 5K Double gate, NU 7 1/16" 5K Drilling Spool, NU 7 1/16" 5K Annular, & function test.
09:30	0.50	10:00	SRIG	Rig Up/Down	RU work floor & Tbg. equip.
10:00	1.50	11:30	GOP	General Operations	Unload 2 7/8" L80 EUE. 6.5# Tbg. & Prep.
11:30	1.50	13:00	RUTB	Run Tubing	PU 4 3/4"Hurricane Mill, 2 7/8" POB sub 3 1/8"O.D. w/float, 1 Jt. 2 7/8" L80 6.5# Tbg., 2.205" XN Nipple, 1 Jt., 2.313" X Nipple, & Tbg. Tag Kill Plug @ 3510'
13:00	0.50	13:30	SRIG	Rig Up/Down	RU Power Swivel.
13:30	2.00	15:30	DOPG	Drill Out Plugs	Establish Circulation w/ Rig pump @ 2 bpm. Returning 2 bpm. Drill out Kill plug as follows: Plg.@ 3510', Csg400# Circulate bottoms up.
15:30	0.50	16:00	SRIG	Rig Up/Down	RD Power Swivel.
16:00	1.50	17:30	RUTB	Run Tubing	Cont. PU Tbg. to top of perfs. @ 8299'.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	Secure well for the night. WSI.

16-12D-37 BTR 7/6/2012 06:00 - 7/7/2012 06:00

Time Log

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43013507850000	lut	Duchesne	Black Tail Ridge	PRODUCING	10.570.0	Drilling & Completion

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	LOCL	Lock Wellhead & Secure	WSI.
07:00	0.50	07:30	SMTG	Safety Meeting	JSA Safety Meeting
07:30	7.00	14:30	DOPG	Drill Out Plugs	Drill out remaining Plugs. Drill out FC + 40', New PBTD @ 10,521'. Drill out pljugs as follows: Plg @ 8546' Csg700# Plg. @ 8866', 15' of sand. Csg750# Plg. @ 9172', 20' of sand. Csg700# Plg. @ 9462', 25' of sand. Csg700# Plg. @ 9820', 15' of sand. Csg750# Plg. @ 10114', 20' of sand. Csg700# Circulate Bottoms up.
14:30	0.50	15:00	SRIG	Rig Up/Down	RD Power Swivel.

www.peloton.com Page 5/6 Report Printed: 8/2/2012



Time Lo	Dur (hr)	End Time	Code	Category	Com
15:00		16:00	GOP	General Operations	Lay down Tbg. to Landing depth. Wash bowl w/10 Bbls. PU Hanger & Stage thru BOP Stack & Test. Land Tbg. as follows: Tubing Des: Tubing - ProductionSet Depth (ftKB): 8,227.0 Run Date: 2012/07/06 18:00 Pull Date: Tubing Components
					Jts Item Des OD (in) ID (in) Wt (lb/ft) Grade Len (ft) Top (ftKB) Btm (ftKB)
					1 Tubing Hanger 5 2.441 6.5 L-80 0.44 0 0.4
					259 Tubing 2 7/8 2.441 6.5 L-80 8,160.05 0.4 8,160.50
					1 X Nipple 2 7/8 2.313 6.5 L-80 1.25 8,160.50 8,161.70
					1 Tubing 2 7/8 2.441 6.5 L-80 31.58 8,161.70 8,193.30
					1 XN Nipple 2 7/8 2.205 6.5 L-80 1.19 8,193.30 8,194.50
					1 Tubing 2 7/8 2.441 6.5 L-80 31.59 8,194.50 8,226.10
					1 POB sub 3 1/8 2.441 0.85 8,226.10 8,227.00
16:00	0.50	16:30	SRIG	Rig Up/Down	RD Tbg. equip. & work Floor.
16:30	0.50	17:00	BOPR	Remove BOP's	Nipple around.
17:00	1.00	18:00	GOP	General Operations	Pump off Bit & chase w/ 30 Bbls @ 4 bpm. Tie in sand can to sales line. Put well on Production.
18:00	12.00	06:00	SRIG	Rig Up/Down	RDMO w/o Rig. Move Rig & equip. to 16-1D-46 BTR. Cost\$11,992 3,639,597.65

	STATE OF UTAH		FORM 9				
1	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	G	5.LEASE DESIGNATION AND SERIAL NUMBER: 20G0005608				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well	Oil Well						
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43013507850000						
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: CEDAR RIM				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL			COUNTY: DUCHESNE				
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SESE Section: 1:	IIP, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Meridian:	U	STATE: UTAH				
11. CHECI	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	T, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
_	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
 	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION				
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
8/31/2012	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
	COMPLETED OPERATIONS. Clearly show all post post post post post post post post		epths, volumes, etc. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 06, 2012				
Megan Finnegan	303 299-9949	Permit Analyst					
SIGNATURE N/A		DATE 9/4/2012					



16-12	D-37 BT	R 8/	2/2012	2 00:00	0 - 8/3/20	12 00:00)					
API/UWI		S	tate/Provinc	e	County	Field Name	Э	Well Status		Total Depth (ftKB)	Primary Job Type	
4301350	7850000	ι	JT		Duchesne	Black Ta	ail Ridge	PRODUCING		10,570.0	Drilling & Completion	
Time Lo	g											
Start Time	Dur (hr)	End Time	Code		Category					Com		
00:00	2.00	02:00	CTRL	Crew Tra	avel		Crew tra	vel, safety meeting				
02:00	2.50	04:30	BOPI	Install B	OP's			ocks to tbg,hot oiler flu- rigged up floor and tbg		g w/70bbls, nippled dov	vn tree, nippled up	
04:30	2.50	07:00	PULT	Pull Tub	ing		T.O.O.H. had 128		nipple, '	1jt,x nipple, 1jt p.o.b.sul	0	
07:00	4.00	11:00	RUTB	Run Tub	ing			tbg blow plug, 5jts, d-soff the trailer, landed we		w/4ft sub, s/n, 47jts,T.A	.C. 237jts, had to p.u. 30	
11:00	3.00	14:00					Rigged down floor and tbg tongs,nippled down B.O.P.S. flushed csg w/70bbls, flushed tbg w/70bbls, set T.A.C. in tension 20,000#'s landed well, S.D.F.N.					
14:00		14:00										
16-12	D-37 BT	R 8/	3/2012	2 00:00	0 - 8/4/20	12 00:00)					
API/UWI		-	state/Provinc		County	Field Name		Well Status		Total Depth (ftKB)	Primary Job Type	
4301350		l	JT		Duchesne	Black Ta	ail Ridge	PRODUCING		10,570.0	Drilling & Completion	
Time Lo	g											
Start Time	Dur (hr)	End Time	Code		Category					Com		
00:00	2.00	02:00	CTRL	Crew Tra	avel		Crew tra	vel, safety meeting				
02:00	3.00	05:00	GOP	General	General Operations		spot trailers in to well head, prep rods, x-over blocks to rods,nippled up well head, put table in					
05:00	3.00	08:00	RURP	Run Roo	ds & Pump		p.u. pump primed pump, R.i.h. put shear cplg on torqued tight w/ cheaters, T.I.H. w/ 3 1" 126 3/4, 95 7/8, 95 1" 1-4'x1" 1-2'x1" then the polish rod					
08:00	3.00	11:00	SRIG	Rig Up/E	Down		fill and te	st tbg, good test, rig do	own rig,	pulled off to the side of	location, S.D.F.N.	

www.peloton.com Page 1/1 Report Printed: 9/4/2012

Sundry Number: 30301 API Well Number: 43013507850000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN	-	5.LEASE DESIGNATION AND SERIAL NUMBER: 1420H626441
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	posals to drill new wells, significantly reenter plugged wells, or to drill horizo n for such proposals.	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: 16-12D-37 BTR	
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43013507850000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	9. FIELD and POOL or WILDCAT: CEDAR RIM		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0996 FSL 0356 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	tip, RANGE, MERIDIAN: 2 Township: 03.0S Range: 07.0W Merid	lian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
9/15/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT		SI TA STATUS EXTENSION	
Report Date:	WATER SHUTOFF		APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Lease Number
The tribal lease h	completed operations. Clearly show a las been earned for this sect .41; containing 320 acres (S	ion. The new lease is	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 01, 2012
NAME (PLEASE PRINT)	PHONE NUMB		
Venessa Langmacher SIGNATURE	303 312-8172	Senior Permit Analyst DATE	
N/A		9/28/2012	

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

			DCICLA	JOIL	UTATA TA	LAINAG	ESTATEST A T	•				1	LAPI	165. 34	19 51, 2010
	WELL (OMPL	ETION C	RRE	COMF	PLETIC	N RE	PORT	AND L	.OG			ease Serial OG00056		
la. Type of	Well 🔯	Oil Well	Gas Gew Well	Well	Dry			C Di	- Dool		D	6. If	Indian, All	ottee (or Tribe Name
b, Type of	соприсион	Othe			K OVGI			☐ Plu	g Back	☐ Diff.	Kesvi.	7. U	nit or CA A	green	nent Name and No.
2. Name of BILL BA	Operator ARRETT CO	RPORA	TION E	-Mail: n		ontact; M			AN			8. La	ease Name 6-12D-37	and W	/ell No.
3. Address	1099 18TI DENVER,			300					o. (include 9-9949	e area cod	e)	_	PI Well No		43-013-50785
4. Location	of Well (Re	ort locati	ion clearly ar	d in acc	ordance	with Fed						10. I	ield and Po	ool, or	Exploratory
At surfa	ce SESE	996FSL	356FEL										EDAR RI		
At top p	rod interval r	eported b	elow SES	E 796F	SL 7611	FEL						0.	r Arca Se	c 12	r Block and Survey T3S R7W Mer UBM
	depth SES	SE 770FS				HSM						C	County or P OUCHESN	E	13. State UT
14. Date Sp 02/28/2	oudded 1012			atc T.D. /08/201	Reached 2	1		□ D &	e Complet : A ⊠ :7/2012	ed Ready to	Prod.	17. I		DF, K 05 Gl	'B, RT, GL)* -
18. Total D	epth:	MD TVD	10570 1054		19. Plu	g Back T	.D.;	MD TVD	10 10	1478 144 8 9	20. De	pth Bri	dge Plug Se	et:	MD TVD
	lectric & Oth RIPLE COM				nit copy	of each)				Wa	s well core s DST run'	?	⊠ No	O Ye	s (Submit analysis) (Submit analysis)
23. Casing an	nd Liner Reco	ord (Repo	ort all strings	set in w	ell)					Dir	ectional Su	rvey?	□ No		es (Submit analysis)
Hole Size	Size/G	```	Wt. (#/ft.)	Тор	, 1	Bottom	Stage C	emente		of Sks. &	Slurry	Vol.	Cement	Ton*	Amount Pulled
26.000		COND	84.0	(MI	0	(MD) 80		pth 80		of Cement	: (BE	L)	Content	100	
12.250		25 J-55	36.0		0	3722	1	3720		18:	70	316			
8.750	1	0 P-110	17.0		0	10570		10565		16		578		3620	
	<u> </u>														
04 55 12				<u> </u>											
24. Tubing		(B) B		a m>		1						1			
Size 2.875	Depth Set (M	9155	acker Depth	(MD)	Size	Depi	h Set (M	<u>D) 1</u>	Packer De	pth (MD)	Size	De	pth Set (M	D)	Packer Depth (MD)
25. Producii		21001				26.	Perforat	ion Rec	ord						
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ormation		Тор	Т	Bottor				Interval		Size	\top	No. Holes	Т	Perf. Status
A)	GREEN R	IVER		8299		156		11010100		O 9156	0.4			OPE	
B)	WASA	тсн		9182	10	350			9182 TC		0.4			OPE	
C)															
D)															
	acture, Treat		ment Squeeze	e, Etc.		_									
	Depth Interva		450 CDEEN	DR/ED:	OFF TE		T 074 01		mount an	d Type of	Material				
			156 GREEN 350 WASTA											·	
	310	2 10 10	330 1111011	OI OL	C INDA	I WILLIAM C	IACEO I								
															
28. Producti	ion - Interval	A													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCI		Water BBL	Oil C	ravity	Gas Græ	zifu.	Product	ion Method		
07/07/2012	08/07/2012	24		45.0		2.0	370.0	Com	52.0	Jona.	,,,,		FLO\	NS FF	ROM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas		Water	Gas:		Wel	Status	1			
Size 64/64	Flwg. 250 SI	Press. 75.0	Rate	BBL 45	мст	2	8BL 370	Ratio	44		POW				
	tion - Interva	<u> </u>		-											
Date First Produced	Test	Hours	Test	Oil BBL	Gas		Water		ravity	Gas		Product	ion Method		
riounced	Date	Tested	Production		MCI		BBL	Согт.	API	Gra	rity				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCl		Water BBL	Gas:0		Wei	Status				
	SI			1						- 1					

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #149623 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

	uction - Interv											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr, API		Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas;Oil Ratio	V	Vell Status			
-	uction - Interv											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		jas Gravity	Production Method		
Choke Size	Tbg, Press, Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Ų	Vell Status			
29. Dispo	sition of Gas(Sold, used	for fuel, vent	ed, etc.)			 				***************************************	
	nary of Porous	Zones (Inc	lude Aquife	rs):					31. For	mation (Log) Marker	8	
tests,	all important including dept coveries.	zenes of pe h interval i	prosity and c rested, cushic	ontents there on used, time	eof: Cored in tool open,	ntervals and flowing and	all drill-stem shut-in pressure	es				
	Formation		Тор	Bottom		Description	ns, Contents, etc	c.		Name		Top Mcas. Depth
Cond size.	ional remarks luctor was ce First gas sal ment Data.	mented w	ith grout. T	OC was ca	alculated by les was on	/ CBL. CBI 7/18/2012.	L mailed due to Attached is	o file	MA DO BL/ CA: UTI	EEN RIVER HOGANY UGLAS CREEK ACK SHALE SHALE ELAND BUTTE SATCH		4235 5212 7581 8045 8309 8712 9161 10570
	enclosed atta		(1.6.1									
	ectrical/Mecha andry Notice fo	_	•			Geologie Core Ana	-		 DST Rej Other: 	oort 4	. Direction	nal Survey
34. I here	by certify that	the forego								records (see attache	d instructio	ns):
			Elect	rouic Subm For Bi	ission #149 LL BARRE	623 Verifler TT CORP	l by the BLM V ORATION, ser	Vell Inf at to the	formation Sy Vernal	stem.		
Name	(please print)	MEGAN	FINNEGAN	۸ ۸			Title [PERMI	T ANALYST			
Signa	ature V	Bestron	ic Submiss	ion) .	<u></u>	<u> </u>	Date (09/11/2	012			
m'.1 .1.c =	1000	1001	T. 10 VI ~		212				y 100 de u-		· · · · · · · · · · · · · · · · · · ·	
							any person kno ns to any matter			to make to any depar i.	riment or a	дспсу

16-12D-37 BTR Report Continued*

	44. ACID, FRA	CTURE, TREATMENT, CEMENT SQUEEZ	E, ETC. (cont.)						
AMOUNT AND TYPE OF MATERIAL									
Stage	Bbls Slurry	Ibs Common White 100 Mesh Sand	lbs CRC Sand						
1	3,877	19,400	156,400						
2	4,065	20,500	167,200						
3	3,638	18,200	146,400						
4	3,809	19,300	156,800						
5	3,786	19,200	156,600						
6	3,793	20,300	142,100						
7	4,191	21,280	189,980						

^{*}Depth intervals for frac information same as perforation record intervals.

Bill Barrett Corp

Duchesne County, UT (NAD 1927) Sec. 12-T3S-R7W 16-12D-37 BTR

Plan A

Design: MWD Survey

Sperry Drilling ServicesFinal Survey Report

07 September, 2012

Well Coordinates: 691,912.08 N, 2,246,931.44 E (40° 13' 46.69" N, 110° 36' 56.11" W)

Ground Level: 6,304.00 ft

Local Coordinate Origin:

Centered on Well 16-12D-37 BTR

Viewing Datum:

KB @ 6320.00ft (Patterson 506)

TVDs to System:

N

North Reference:

True

Unit System:

API - US Survey Feet - Custom

Geodetic Scale Factor Applied Version: 2003.16 Build: 43I

Measured			Vertical			Vertical	Dogleg
Depth (ft)	Inclination	Azimuth	Depth (ft)	+N/-S	+E/-W	Section (ft)	Rate (°/100ft)
	(°)	(°)		(ft)	(ft)	(19	(710011)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	0.18	30.53	134.00	0.18	0.11	-0.17	0.13
First MWD St	ırvey						
193.00	0.30	350.56	193.00	0.41	0.13	-0.28	0.34
255.00	0.26	322.86	255.00	0.69	0.02	-0.27	0.23
317.00	0.17	340.35	317.00	0.88	-0.10	-0.24	0.18
378.00	0.12	294.20	378.00	1.00	-0.19	-0.20	0.20
438.00	0.11	358.46	438.00	1.08	-0.25	-0.18	0.20
500.00	0.07	219.75	500.00	1.11	-0.27	-0.17	0.27
561.00	0.21	244.78	561.00	1.03	-0.40	-0.02	0.25
622.00	0.21	216.24	622.00	0.90	-0.56	0.18	0.17
682.00	0.32	171.31	682.00	0.64	-0.60	0.32	0.38
745.00	0.37	196.72	745.00	0.27	-0.64	0.49	0.25
805.00	0.48	195.69	804.99	-0.15	-0.76	0.76	0.18
866.00	0.52	197.36	865.99	-0.67	-0.91	1.09	0.07
927.00	0.49	223.62	926.99	-1 .12	-1.17	1.51	0.38
990.00	0.54	233.02	989.99	-1.49	-1.60	2.04	0.16
1,054.00	0.71	253,59	1,053.98	-1.79	-2.22	2.73	0.44
1,117.00	1.07	268.71	1,116.98	-1.91	-3.18	3,67	0.68
1,180.00	1.06	266.47	1,179.96	-1.96	-4.35	4.77	0.07
1,244.00	0.41	262.32	1,243.96	-2.02	-5.17	5.55	1.02
1,307.00	0.85	234.04	1,306.96	-2.33	-5.77	6.22	0.84
1,371.00	0.89	239.10	1,370.95	-2.86	-6.58	7.17	0.14
1,434.00	1.25	256.60	1,433.94	-3.27	-7.67	8.34	0.77
1,498.00	1.05	265.61	1,497.92	-3.48	-8.93	9.59	0.42
1,561.00	0.84	260.74	1,560.92	-3.60	-9.96	10.59	0.36
1,625.00	0.67	238.83	1,624.91	- 3.87	-10.75	11.41	0.52
1,689.00	0.86	197.55	1,688.90	-4.52	-11.21	12.09	0.89
1,752.00	1.13	227.57	1,751.90	-5.39	-11.81	12.97	0.92
1,815.00	1.23	220.43	1,814.88	-6.32	-12.71	14.16	0.28
1,879.00	1.55	229.86	1,878.86	-7.40	-13.82	15.59	0.61
1,942.00	1.89	243.86	1,941.84	-8.41	-15,40	17.44	0.85
2,006.00	2.12	245.55	2,005.80	-9.37	-17.43	19.67	0.37
2,069.00	2.19	241.62	2,068.75	-10.42	-19.55	22.03	0.26
2,133.00	2.03	233.45	2,132.71	-11.68	-21.53	24.35	0.53
2,196.00	1.87	206.32	2,195.67	-13.26	-22.88	26.20	1.47
2,260.00	2.32	206.26	2,259.63	-15.36	-23.92	27.95	0.70
2,323.00	2.75	195.84	2,322.57	-17.96	-24.90	29.83	1.00
2,387.00	2.67	193.35	2,386.50	-20.89	-25.66	31.64	0.22
2,442.00	2.75	190.60	2,441.44	-23.43	-26.20	33.10	0.28
2,505.00	2.89	185.54	2,504.36	-26.50	-26.63	34.66	0.45
2,569.00	2.94	191.69	2,568.28	-29.71	-27.12	36.32	0.49
2,632.00	2.96	204.93	2,631.19	-32.77	-28.13	38.41	1.08
2,696.00	2.53	217.21	2,695.12	-35.39	-29.68	40.84	1.13
2,759.00	1.08	219.64	2,758.09	-36.95	-30.90	42.56	2.30
2,823.00	0.41	262.94	2,822.08	-37.45	-31.51	43.31	1.30
2,886.00	0.32	257.29	2,885.08	-37.51	-31.91	43.70	0.15
2,950.00	0.77	191.50	2,949.08	-37.97	-32.17	44.11	1.10
3,013.00	1.34	191.76	3,012.07	-39.11	-32.40	44.76	0.90
3,077.00	1.67	174.13	3,076.05	-40.77	-32.46	45.44	0.88

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	
3,140.0		155.87	3,139.02	-42.36	-32.07	45.67	0.92	
3,203.0	0 1.51	152.99	3,202.00	-43.77	-31.39	45.57	0.29	
3,267.0		143.24	3,265.98	-45.25	-30.46	45.27	0.46	
3,331.0		174.47	3,329.95	-47.01	-29.82	45.34	1.50	
3,394.0		188.05	3,392.92	-49.00	-29.86	46.13	0.69	
3,457.0		201.00	3,455.88	-51.15	-30.44	47.48	1.03	
3,521.0	0 2.39	215.59	3,519.83	-53.42	-31.68	49.48	0.94	
3,585.0		205.46	3,583.78	-55.62	-32.98	51.52	0.70	
3,647.0		181.72	3,645.73	-58.06	-33.53	52.95	1.65	
3,659.0		179.44	3,657.71	-58.58	-33.54	53.15	0.87	
3,754.0	0 3.11	182.82	3,752.60	-63.23	-33.64	55.00	0.67	
3,817.0	0 2.54	184.37	3,815.52	-66.33	-33.84	56.35	0.91	
3,881.0		197.86	3,879.48	-68.57	-34.21	57.54	1.70	
3,944.0		218.78	3,942.46	-70.16	-35.09	58.96	1.04	
4,008.0		257.82	4,006.42	-71.21	-36.98	61.10	2.26	
4,071.0		253.38	4,069.36	-71.88	-39.56	63.74	0.51	
4,134.0	0 2.09	263.55	4,132.31	-72.41	-42.05	66.25	0.99	
4,198.0		247.67	4,196.28	-72.78	-43.78	67.99	1.67	
4,262.0		277.78	4,260.27	-72.90	-45.22	69.37	1.28	
4,325.0		261.34	4,323.25	-72.91	-46.88	70.91	0.70	
4,388.0		252.35	4,386.22	-73.30	-48.53	72.59	0.43	
4.450.0	0 0.57	255.00						
4,452.0 4,515.0		255.09	4,450.18	-73.94	-50.78	74.91	1.51	
4,578.0		256.18 263.55	4,513.11	-74.67	-53.64	77.83	0.37	
4,642.0		262.55 254.47	4,575.99 4,639.81	-75.33	-57.35	81.52	2.12	
4,705.0		247.54	4,702.58	-76.30 -78.10	-62.05 -67.18	86.24 91.67	1.18 1.66	
4,769.0		245.39	4,766.26	-80.67	-73.06	98.09	1.20	
4,832.0		240.88	4,828.85	-83.90	-79.41	105.19	1.43	
4,896.0		239.27	4,892.36	-87.87	-86.29	113.05	0.86	
4,960.0		245.17	4,955.79	-91.82	-93.82	121.51	1.48	
5,023.0		247.84	5,018.14	-95.41	-102.11	130.54	1.22	
5,086.0		248.97	5,080.43	-98.87	-110.86	139.96	0.27	
5,150.0		247.55	5,143.69	-102.46	-119.86	149.65	0.46	
5,213.0		247.87	5,205.82	-106.41	-129.49	160.05	2.21	
5,276.0		249.97	5,267.79	-110.50	-140.11	171.44	0.91	
5,340.0		253.81	5,330.66	-114.20	-151.46	183.34	1.18	
5,403.0		252.73	5,392.54	-117.62	-162.82	195.15	0.33	
5,467.0		254.50	5,455.45	-120.93	-174.07	206.82	1.00	
5,530.0		256.08	5,517.47	-123.75	-184.79	217.81	0.67	
5,594.0		255.87	5,580.51	-126.43	-195.51	228.75	0.10	
5,657.0	0 9.75	257.99	5,642.58	-128.86	-205.99	239.38	0.63	
5,721.0		257.53	5,705.71	-131.09	-216.26	249.73	0.94	
5,785.0	0 8.55	256.35	5,768.95	-133.31	-225.85	259.45	0.98	
5,848.0		255.87	5,831.28	-135.51	-234.76	268.53	0.57	
5,911.0		258.95	5,893.64	-137.46	-243.50	277.35	0.70	
5,975.0	0 8.34	263.77	5,956.98	-138.84	-252.56	286.26	1.12	
6,038.0	0 7.81	259.66	6,019.36	-140.10	-261.31	294.85	1.24	
6,102.0	0 8.59	264.71	6,082.70	-141.32	-270.35	303.68	1.66	
6,165.0	0 8.23	262.35	6,145.03	-142.36	-279.50	312.55	0.79	
6,229.0		259.70	6,208.35	-143.80	-288.63	321.55	0.65	
6,292.0	0 8.58	257.48	6,270.66	-145.64	-297.74	330.68	0.60	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/- W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
6,356.00	8.09	254.69	6,333.99	-147.87	-306.75	339.86	0.99
6,419.00	7.93	254.09	6,396.37	-150.23	-315.20	348.58	0.29
6,482.00	7.38	252.27	6,458.81	-152.65	-323.24	356.94	0.95
6,546.00	7.65	260.22	6,522.26	-154.63	-323.24 -331.35		
6,609.00	8.15	268.30	6,584.67			365.20	1.68
0,009.00	0.13	200.30		-155.47	-339.95	373.48	1.93
6,672.00	7.72	277.56	6,647.07	-155.05	-348.61	381.34	2.14
6,735.00	6.63	276.50	6,709.57	-154.08	-356.41	388.20	1.74
6,799.00	5.77	271.85	6,773.20	-153.56	-363.30	394.38	1.56
6,862.00	5.67	276.42	6,835.88	-153.11	-369.56	400.01	0.74
6,925.00	4.73	267.69	6,898.63	-152.86	-375.25	405.19	1.95
6,988.00	4.49	255.91	6,961.42	-153.57	-380.23	410.07	1.55
7,052.00	4.03	244.28	7,025.25	-155.15	-384.69	414.80	1.53
7,116.00	3.45	229.80	7,089.11	-157.37	-388.19	418.87	1.72
7,179.00	2.69	218.39	7,152.02	-159.75	-390.55	421.96	1.54
7,242.00	2.68	210.83	7,214.95	-162.18	-392.23	424.43	0.56
7,306.00	2.83	205.90	7.278.88	-164.88	-393.68	426.80	0.44
7,369.00	2.26	195.47	7,341.82	-167.48	-394.69	428.71	1.16
7,432.00	1.70	196.58	7,404.78	-169.57	-395.29	430.05	0.89
7,496.00	1.10	188.53	7,468.76	-171.09	-395.65	430.05	0.98
7,559.00	1.33	158.97	7,531.75	-172.37	-395.48	430.96	0.96 1.05
7,622.00			•				
•	1.86	176.30	7,594.72	-174.07	-395.15	431.62	1.13
7,685.00	2.02	189.54	7,657.69	-176.19	-395.27	432.53	0.75
7,749.00	2.12	197.07	7,721.64	-178.43	-395.81	433.87	0.45
7,812.00 7,875.00	2.23 1.92	201.02 217.59	7,784.60 7,847.56	-180.69 -182.67	-396.59	435.45	0.30
·					-397.67	437.20	1.07
7,939.00	1.97	218.36	7,911.52	-184.38	-399.01	439.08	0.09
8,002.00	1.99	196.58	7,974.48	-186.28	-399.99	440.71	1.19
8,065.00	2.14	199.91	8,037.44	-188.44	-400.70	442.18	0.30
8,129.00	2.43	199.84	8,101.39	-190.84	-401.57	443.89	0.45
8,192.00	2.97	202.05	8,164.32	-193.60	-402.64	445.92	0.87
8,256.00	3.32	200.26	8,228.23	-196.88	-403.90	448.32	0.57
8,319.00	3.23	203.84	8,291.12	-200.21	-405.25	450.83	0.35
8,382.00	3.11	206.45	8,354.03	-203.37	-406.73	453.39	0.30
8,446.00	2.12	233.19	8,417.96	-205.63	-408.45	455.84	2.42
8,509.00	1.94	274.04	8,480.93	-206.25	-410.45	457.92	2.26
8,573.00	2.78	304.54	8,544.87	-205.30	-412.81	459.75	2.32
8,636.00	2.67	302.48	8,607.80	-203.64	-415.30	461.43	0.23
8,700.00	2.49	303.83	8,671.74	-202.07	-417.71	463.07	0.30
8,763.00		294.58	8,734.68	-200.80	-419.96	464.68	0.74
8,827.00		291.57	8,798.64	-199.88	-422.12	466.33	0.41
8,890.00	1.67	292.77					
8,954.00		292.77 287.32	8,861.61 8,925.58	-199.12 -198.49	-423.98 -425.72	467.76 469.14	0.50 0.25
9,017.00		282.59					
•	1.12		8,988.56 9,052.54	-198.03	-427.44 428.02	470.56	0.25
9,081.00 9,144.00		274.86 267.43	9,052.54 9,115.53	-197.78 -197.76	-428.92 -430.19	471.84 473.00	0.77 0.26
,							
9,208.00		283.61	9,179.51	-197.64	-431.45	474.13 474.05	0.52
9,271.00		301.08	9,242.50	-197.21	-432.52	474.95	0.53
9,335.00		284.33	9,306.49	-196.81	-433.43	475.65	0.54
9,399.00		269.46 242.36	9,370.49 9,433.49	-196.70	-434.30 -434.97	476.41 477.08	0.32 0.64
9,462.00	0.50			-196.83			

Design Report for 16-12D-37 BTR - MWD Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	
9,525.00	0.47	254.44	9,496.48	-197.03	-435.46	477.61	0.17	
9,589.00	0.41	231.45	9,560.48	-197.24	-435.89	478.09	0.29	
9,652.00	0.38	212.68	9,623.48	-197.56	-436.18	478.48	0.21	
9,716.00	0.68	215.82	9,687.48	-198.05	-436.52	478.98	0.47	
9,779.00	0.54	190.42	9,750.47	-198.64	-436.79	479.45	0.48	
9,842.00	1.11	175.04	9,813.47	-199.54	-436.79	479.79	0.96	
9,906.00	1.24	175.14	9,877.45	-200.85	-436.68	480.18	0.20	
9,969.00	1.32	171.42	9,940.44	-202.25	-436.52	480.55	0.18	
10,033.00	1.62	179.14	10,004.42	-203.88	-436.39	481.06	0.56	
10,096.00	1.48	170.55	10,067.39	-205.57	-436.24	481.56	0.43	
10,159.00	1.85	172.75	10,130.37	-207.38	-435.98	482.00	0.60	
10,223.00	2.21	168.42	10,194.33	-209.62	-435.60	482.49	0.61	
10,286.00	2.49	162.52	10,257.27	-212.11	-434.95	482.82	0.59	
10,350.00	2.61	162.34	10,321.21	-214.83	-434.09	483.05	0.19	
10,413.00	2.74	168.15	10,384.14	-217.67	-433.35	483.43	0.48	
10,477.00	3.00	169.36	10,448.06	-220.81	-432.72	484.04	0.42	
10,509.00	3.28	168.85	10,480.01	-222.53	-432.39	484.38	0.88	
Final MWD S	urvey							
10,570.00	3.28	168.85	10,540.91	-225.96	-431.72	485.05	0.00	
Survey Proje	ection to TD					A terestor		

Design Annotations

Measured	Vertical	Local Coor		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
134.00	134.00	0.18	0.11	First MWD Survey
10,509.00	10,480.01	-222.53	-432.39	Final MWD Survey
10,570.00	10,540.91	-225.96	-431.72	Survey Projection to TD

Vertical Section Information

Angle			Origin	Orig	Start	
Туре	Target	Azimuth (°)	Туре	+N/_S (ft)	+E/- W (ft)	TVD (ft)
Target	16-12D-37 BTR_PlanA - Rev0_BHL Tgt	247.85	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)		Survey/Plan	Survey Tool
134.00	10,570.00	Sperry MWD Surveys		MWD

<u>Targets</u>									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
16-12D-37	0.00	0.00	7,881.00	-185.06	-454.59	691,722.55	2,246,478.74	40° 13' 44.861 N	110° 37' 1.970 W
 actual wellpath r Rectangle (sides) (7882.21 TVI	D, -183.60 N,	-398.39 E)		
16-12D-37 BTR_Sec.	0.00	0.00	0.00	0.00	0.00	691,912.08	2,246,931.44	40° 13' 46.690 N	110° 36' 56.110 W
- actual wellpath i - Polygon	hits target o	center							
Point 1				-304.00		91,924.08	2,246,627.33		
Point 2						91,573.12	2,246,630.80		
Point 3						91,569.70	2,246,284.85		
Point 4						91,573.12	2,246,630.80		
Point 5				-304.00	15.00 6	91,924.08	2,246,627.33		
16-12D-37	0.00	0.00	10,561.00	-185.06	-454.59	691,722.55	2,246,478.74	40° 13′ 44.861 N	110° 37' 1.970 W

⁻ actual wellpath misses target center by 50.98ft at 10570.00ft MD (10540.91 TVD, -225.96 N, -431.72 E) - Point

North Reference Sheet for Sec. 12-T3S-R7W - 16-12D-37 BTR - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to KB @ 6320.00ft (Patterson 506). Northing and Easting are relative to 16-12D-37 BTR

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

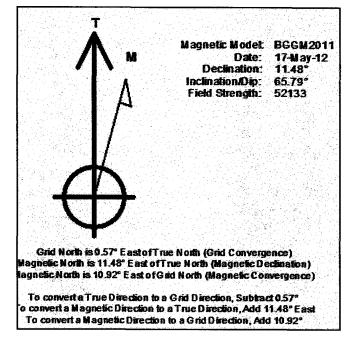
Central Meridian is 111° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99992250

Grid Coordinates of Well: 691,912.08 ft N, 2,246,931.44 ft E
Geographical Coordinates of Well: 40° 13' 46.69" N, 110° 36' 56.11" W
Grid Convergence at Surface is: 0.57°

Based upon Minimum Curvature type calculations, at a Measured Depth of 10,570.00ft the Bottom Hole Displacement is 487.27ft in the Direction of 242.37° (True).

Magnetic Convergence at surface is: -10.92° (17 May 2012, , BGGM2011)

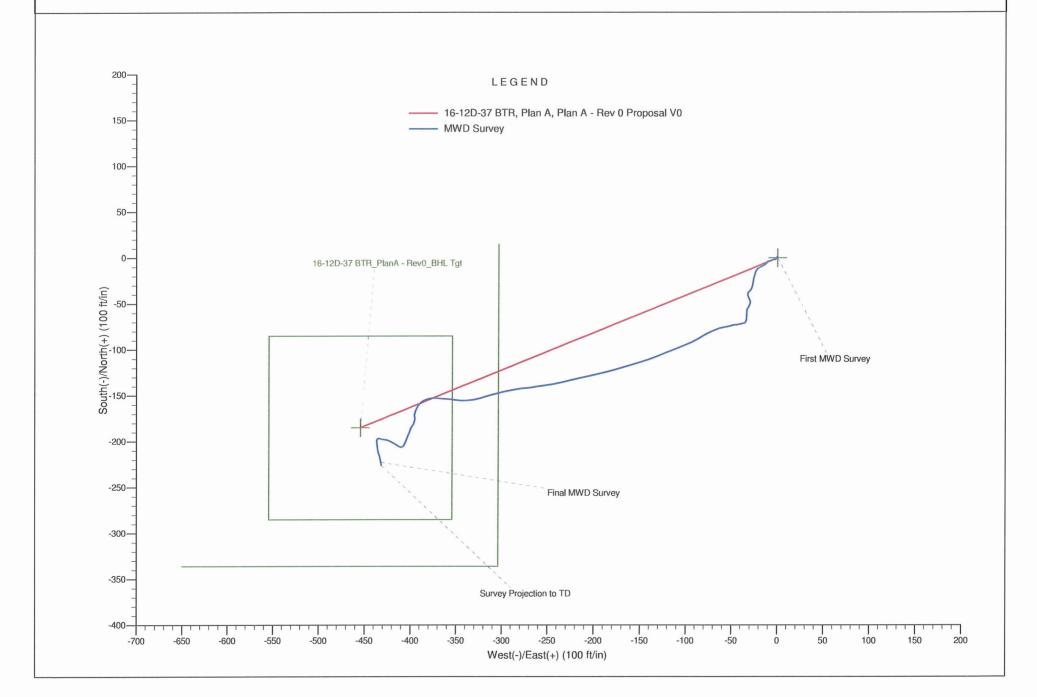


Project: Duchesne County, UT (NAD 1927) Site: Sec. 12-T3S-R7W

Well: 16-12D-37 BTR

Bill Barrett Corp

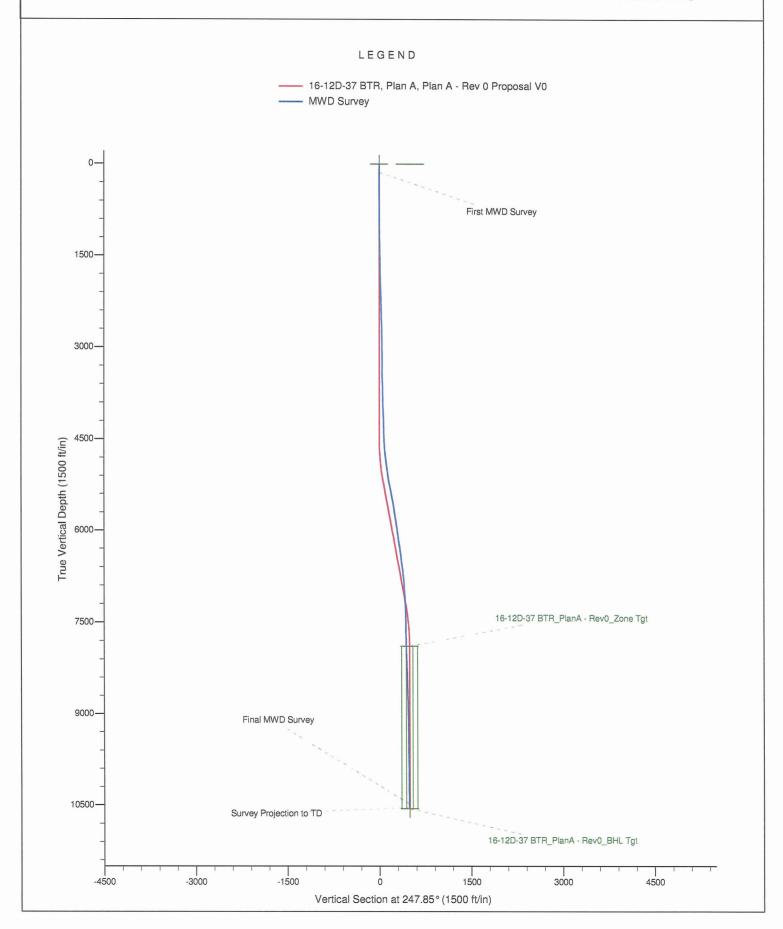




Project: Duchesne County, UT (NAD 1927) Site: Sec. 12-T3S-R7W Well: 16-12D-37 BTR

Bill Barrett Corp





Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date:

11/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation	Rig II, LLC
1099 18th Street, Suite 2300	1582 West 2600 South
Denver, CO 80202	Woods Cross, UT 84087
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on:

10/21/2016

2. Sundry or legal documentation was received from the NEW operator on:

10/21/2016

3. New operator Division of Corporations Business Number:

8256968-0160

REVIEW:

1. Surface Agreement Sundry from NEW operator on Fee Surface wells received on:

N/A

2. Receipt of Acceptance of Drilling Procedures for APD on:

10/21/2016

3. Reports current for Production/Disposition & Sundries:

11/2/2016

4. OPS/SI/TA well(s) reviewed for full cost bonding:

11/3/2016

5. UIC5 on all disposal/injection/storage well(s) approved on:

11/3/2016

6. Surface Facility(s) included in operator change:

None

7. Inspections of PA state/fee well sites complete on (only upon operators request):

11/3/2016

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:

UTB000712

2. Indian well(s) covered by Bond Number:

LPM 922467

3.State/fee well(s) covered by Bond Number(s):

9219529

DATA ENTRY:

1. Well(s) update in the OGIS on:

11/7/2016

2. Entity Number(s) updated in OGIS on:

11/7/2016

3. Unit(s) operator number update in OGIS on:

N/A

4. Surface Facilities update in OGIS on:

N/A

5. State/Fee well(s) attached to bond(s) in RBDMS on:

11/7/2016

6. Surface Facilities update in RBDMS on:

N/A

COMMENTS:

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Туре	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	Α
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	Α
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	Α
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040\$	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
BH-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	ow	APD
_C TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	ow	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	ow	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	ow	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	ow	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
C TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	ow	APD
_C TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	ow	APD
C TRIBAL 8H-30-45	30	040S	050W	4301351277	(8.7)	Indian	Indian	OW	APD
_C TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
_C TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	ow	APD
_C TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
C TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
C TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
_C TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
C TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
_C TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
C TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	ow	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420	1	Indian	Fee	ow	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
_C TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

14-12D-45 BTR	12	040S	050W	4301351444	Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445	Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446	Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450	Indian	State	OW	APD
LC TRIBAL 10-20D-40	34	0408	060W	4301351451				
16-12D-45 BTR	12	040S	050W	4301351451	Indian Indian	State Indian	OW	APD
8-12D-45 BTR	12	040S	050VV	4301351452			OW	APD
LC TRIBAL 1-35D-46	35	040S	060W		Indian	Indian	OW	APD
16-25D-37 BTR		0405	070W	4301351454	Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	25			4301351455	Indian	Fee	OW	APD
	28	0408	060W	4301351462	Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	0308	070W	4301351494	Indian	Fee	OW	APD
7-13D-45 BTR	13	0408	050W	4301351497	Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	0408	060W	4301351515	Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040\$	060W	4301351543	Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598	Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030\$	070W	4301351610	Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613	Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616	Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617	Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619	Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620	Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624	Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625	Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627	Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628	Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629	Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639	Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640	Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641	Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	W080	4301351643	Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644	Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	W080	4301351645	Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646	Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654	Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656	Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657	Indian	Fee	ow	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658	Indian	Fee	ow	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659	Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	0408	050W	4301351661	Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040\$	060W	4301351663	Indian	Fee	OW	APD
3-29D-36 BTR	29	0308	060W	4301351665	Indian	Fee	OW	APD

LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
_C Tribal 5-24D-46	24	0408	060W	4301351668	Indian	Indian	OW	APD
C TRIBAL 6-12D-58	12	0508	080W	4301351696	Indian	Indian	OW	APD
_C TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
.C TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	0308	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	0308	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	0308	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	0308	050W	4301351806	Indian	Fee	ow	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
6-27D-37 BTR	27	0308	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	0308	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
_C Tribal 16-35D-48	35	0408	080W	4301351847	Indian	Indian	OW	APD
_C Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
_C Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	030S	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	0308	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	0308	060W	4301351872	Indian	Fee	ow	APD
3-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
_C Tribal 5-36D-46	36	0408	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
C Tribal 5-21D-45	21	0408	050W	4301352001	Indian	Indian	OW	APD
_C Tribal 8-22D-45	22	0408	050W	4301352002	Indian	Indian	OW	APD
_C Tribal 8-25D-45	25	0408	050W	4301352007	Indian	Indian	OW	APD
_C Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	0408	050W	4301352010	Indian	Indian	OW	APD
_C Tribal 14-31D-37	31	0308	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	OW	APD
_C Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	0408	070W	4301352055	Indian	Indian	OW	APD
_C Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	ow =	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	040S	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	0408	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	0308	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	0308	070W	4301352116	Indian	Fee	OW	APD

LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
'-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
C Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
.C Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
.C Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
.C Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
.C Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
5-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
3-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
3TR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
I-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	ow	APD
-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
C TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	ow	APD
C Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
.C Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
C Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
C Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
C Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
C Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
C Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
C Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
C Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
C Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
.C Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
.C Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
.C Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
.C Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
.C Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
C Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
.C Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
C Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
C Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
C Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	ow	APD
C Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
C Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
C Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
.C Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
.C Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
.C Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

	15.	1							
_C Tribal 7-24D-46	24	0408	060W	4301353134		Indian	Indian	OW	APD
.C Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
C Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
.C FEE 14-26D-47	26	040S	070W	4301353294	1	Fee	Indian	OW	APD
C Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
.C Fee 1H-33-47	32	040S	070 W	4301353309		Fee	Indian	ow	APD
_C FEE 14-2D-58	2	050S	W080	4301353312		Fee	Indian	OW	APD
C FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
C Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
6-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
C Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
.C Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
.C Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
.C Fee 5-35D-47	35	040S	070W	4301353334	:	Fee	Indian	OW	APD
3-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
4-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
'-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
.C TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
'-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
C TRIBAL 12H-28-46	28	0408	060W	4301333631	18132	Indian	Indian	GW	P
.C TRIBAL 13H-21-46	21	0408	060W	4301333632	18107	Indian	Indian	GW	 P
2-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
i-5-46 BTR	5	0408	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	0308	060W	4301333642	16675	Indian	Fee	GW	P
4-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	ow	P
4-30-36 BTR	30	0308	060W	4301333644	16701	Indian	Fee	GW	<u>'</u>
'-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	'P
.C TRIBAL 5-21D-46	21	0408	060W	4301333658	18887	Indian	Indian	OW	P
-20-46 DLB	20	0408	060W	4301333659	18750	Indian	Indian	GW	P
.C TRIBAL 13H-20-46	20	0408	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	0408	060W	4301333806	16890	Indian	Indian	GW	P
	1.	0.00	100011	TOO OOOOOO	10000	HIMIAII	HIGHAIL	UVV	1 1-1

1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	Р
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	ow	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	Р
5-25-36 BTR	25	0308	060W	4301334021	17126	Fee	Fee	OW	Р
5-4-45 BTR	4	0408	050W	4301334089	17507	Indian	Indian	OW	Р
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	ow	Р
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	Р
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	ow	Р
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	OW	Р
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	Р
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	ow	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	ow	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	OW	Р
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	OW	Р
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	ow	Р
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	Р
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	Р
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	Р
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	Р
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	Р
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	ow	Р
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	Р
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	Р
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	Р
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	Р
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	Р
7-26-37 BTR	26	030\$	070W	4301350641	18131	Indian	Fee	OW	Р
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	Р
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	ow	Р
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	ow	Р

4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	Р
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	Р
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	Р
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	ow	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	Р
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	Р
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	Р
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	Р
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	Р
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	Р
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	Р
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	Р
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	Р
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	ow	Р
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	ow	Р
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	Р
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	ow	Р
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	ow	Р
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	Р
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	Р
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	Р
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	Р
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	Р
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	ow	Р
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	Р
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	Р
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	Р
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	Р
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	Р
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	Р
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	ow	Р

LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	Р
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	ow	Р
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	ow	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	ow	Р
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	ow	Р
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	ow	Р
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	Р
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	ow	Р
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	P
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	ow	Р
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	Р
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	Р
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	ow	Р
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	Р
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	ow	Р
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	Р
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	ow	Р
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	Р
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	ow	Р
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	ow	P
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	ow	Р
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	ow	Р
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	ow	Р
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	ow	Р
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	0308	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030\$	060W	4301334133	17834	Indian	Fee	OW	s
1-30-36 BTR	30	0308	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	0308	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	0308	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	ow	S
16-9-36 BTR	9	0308	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D - 36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA



October 20, 2016

RECEIVED

OCT 21 2016

Re: Bill Barrett Corporation Transfer to New Operator

DIV. OF OIL, GAS & MINING

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD formchanging the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:

RIG II, LLC 1582 West 2600 South Woods Cross, Utah 84087-0298 Telephone:(801) 683-4245 Fax:(801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

Brady Riley Permit Analyst

STATE OF UTAH FORM 9 **DEPARTMENT OF NATURAL RESOURCES** 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING (see attached well list) 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7, UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL 8. WELL NAME and NUMBER OIL WELL 🔽 GAS WELL (see attached well list) 2. NAME OF OPERATOR: 9. API NUMBER RIG II, LLC 3. ADDRESS OF OPERATOR PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 1582 West 2600 South (801) 683-4245 STATE UT ZIP 84087 Wood Cross 4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list) COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start; CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON 11/1/2016 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSÁL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO-Rig II, LLC BY BILL BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW. RIG II, LLC 1582 West 2600 South Woods Cross, Utah 84087-0298 801-683-4245 (STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670) BILL BARRETT CORPORATION NOILS RIG II, LLC MAME (PLEASE PRINT) _ NAME (PLEASE PRINT) SIGNATURE SIGNATURE EH&S, Government and Regulatory Affairs Jesse McSwain Manager NAME (PLEASE PRINT) 1012016

APPROVED

NOV 0 7 2016

(This space for State use only)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

Well	name:	(See attached li	st)				
API ı	number:						
Loca	tion:	Qtr-Qtr:	Section:	Township: Range:			
Com	pany that filed original application:	Bill Barrett Corp	oration				
Date	original permit was issued:						
Com	pany that permit was issued to:	Bill Barrett Cor	poration				
Check one		Des	ired Action:				
	Transfer pending (unapproved) App	lication for Po	rmit to Drill to no	w operator			
	The undersigned as owner with legal r submitted in the pending Application for owner of the application accepts and a	or Permit to Dril	l, remains valid ar	nd does not require revision. The	new		
✓	Transfer approved Application for P	Permit to Drill t	o new operator				
The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.							
Follo	owing is a checklist of some items rel	ated to the an	nlication which	should be verified	Yes	No	
	ated on private land, has the ownership		, , , , , , , , , , , , , , , , , , ,		1		
	If so, has the surface agreement been					1	
	any wells been drilled in the vicinity of trements for this location?		ell which would af	fect the spacing or siting		1	
	there been any unit or other agreement osed well?	ts put in place t	hat could affect th	e permitting or operation of this		✓	
	there been any changes to the access osed location?	route including	ownership or righ	t-of-way, which could affect the		✓	
Has the approved source of water for drilling changed?						✓	
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?						1	
Is bonding still in place, which covers this proposed well? Bond No. ■219529-UDOGM/UT8000712-BLM/LPM9224670-BIA ✓							
shou	desired or necessary changes to either a ld be filed on a Sundry Notice, Form 9, o ssary supporting information as required	or amended Ap				rred,	
Name	e (please print) Jesse McSwain		Title Manager	.TI			
Signa	esenting (company name) RIG II, LLC		Date 10 0				

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT					
Well Name and Number 6-32-36 BTR SWD		4			API Number 4301350921
Location of Well	Field or Unit Name				
Footage: 1628 FNL 1553 FWL QQ, Section, Township, Range: SENW	32	3S	6W	County : DUCHENSE State : UTAH	Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OP	PERATOR	
Company:	BILL BARRETT CORPORATION	Name: Duane Zavadil
Address:	1099 18th Street Ste 2300	Signature: 2nCd
	city DENVER state CO zip 80202	Senior Vice President - Title: EH&S, Government and Regulatory Affairs
Phone:	(303) 293-9100	Date: 10 20 16
Comments	· · · · · · · · · · · · · · · · · · ·	

Company:	RIG II, LLC	Name: Jesse McSwain
Address:	1582 West 2600 South	Signature: Jene MG:
	city Wood Cross state UT zip 84087	Title: Manager
Phone:	(801) 683-4245	Date: 10 20 10
Comments		Date. 10 CO 10

(This space for State use only)

Transfer approved by:

Approval Date: ///3//L

Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

	TRANSFER OF AL	JTHORITY TO INJECT	Γ
Well Name and 16-6D-46 BT			API Number 4301350781
ocation of Well		:	Field or Unit Name
Footage: 02	200 FSL 0099 FEL	County : DUCHESNE	ALTAMONT Lease Designation and Number
QQ, Section,	Township, Range: SESE 6 4S 6W	State: UTAH	20G0005608
	11/1/2016		
EFFECTIVE L	DATE OF TRANSFER: 11/1/2016		
CURRENT OP	PERATOR		
Company:	BILL BARRETT CORPORATION	Name: Duane	e Zavadil
Address:	1099 18th Street Ste 2300	Signature:	Im Zambal
	city DENVER state CO zip 80202	SeniorV	ice President - Government and Regulatory Affairs
Phone:	(303) 293-9100	Date:	20/16
Comments:			
oommonto.	•		
NEW OPERAT			
VEW OF LINA	iok		
Company:	RIG II, LLC	Name: Jesse	McSwain ⁽
Address:	1582 West 2600 South	Signature:	Dene MG:
, , , , , , , , , , , , , , , , , , , ,	city Wood Cross state UT zip 84087	Title: Mana	
Phone:	(801) 683-4245	Date:	120/16
Comments:	:		
This space for S	state use only)	· ·	1
Transfer ap	oproved by:	Approval Date:	11/3/16
	Title: VIC		•

Comments:

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

TRANSFER OF	AUTHORITY TO INJECT
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well	Field or Unit Name
Footage: 0539 FSL 0704 FEL	County : DUCHESNE CEDAR RIM Lease Designation and Number
QQ, Section, Township, Range: SESE 9 3S 6W	State: UTAH 2OG0005608
EFFECTIVE DATE OF TRANSFER: 11/1/2016	
CURRENT OPERATOR	
Company: BILL BARRETT CORPORATION	Name: Duane Zavadil
Address: 1099 18th Street Ste 2300	Signature: James Zawaki
city DENVER state CO zip 80202	Signature: Senior Vice President - Title: EH&S, Government and Regulatory Affairs
Phone: (303) 293-9100	Date: 10/7.0/14
Comments:	
NEW OPERATOR	
Company: RIG II, LLC	Name: Jesse McSwain
Address: 1582 West 2600 South	Signature: See WG-
city Wood Cross state UT zip 84087	Title: Manager
Phone: (801) 683-4245	Date: 1076110
Comments:	'
(This space for State use only)	
Transfer approved by:	Approval Date:
Title:	
Comments: This well curs ag	eprived by USERA.
COMMITTEE OF THE PROPERTY OF T	will be required.